

# Mathematics

By a group of supervisors

PARENTS' GUIDE

Interactive E-learning Application




Part 2 **DISCOVER**


**1<sup>st</sup>**  
PRIMARY  
FIRST TERM  
2024




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# CHAPTER

# 1

## • Outcomes of lessons

### ► Lessons 1 & 2

- Identify the month, day and date.
- Count 3 objects.

- Compare 3 objects by size, shape and color.

### ► Lessons 3 to 6

- Identify the month, day and date.
- Count 5 objects.
- Count up to 5 using a number line.
- Answer questions about data.

- Count 4 objects.
- Compare 5 objects by size, shape and color.
- Compare quantities.

### ► Lessons 7 to 10

- Identify the month, day and date.
- Show quantities up to 3 in pictures.

- Write numbers from 0 to 5.
- Arrange numbers from 0 to 5





# Lessons 1&2

- Numbers up to 3
- Same / Different



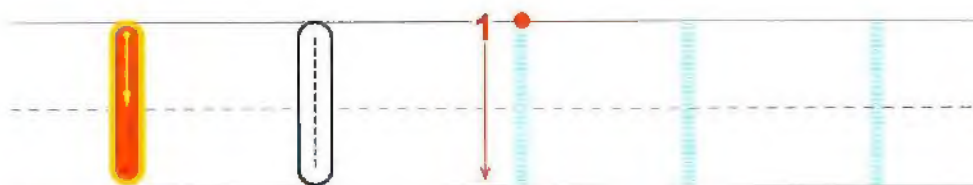
One



Circle the group of 1.



Trace and write.

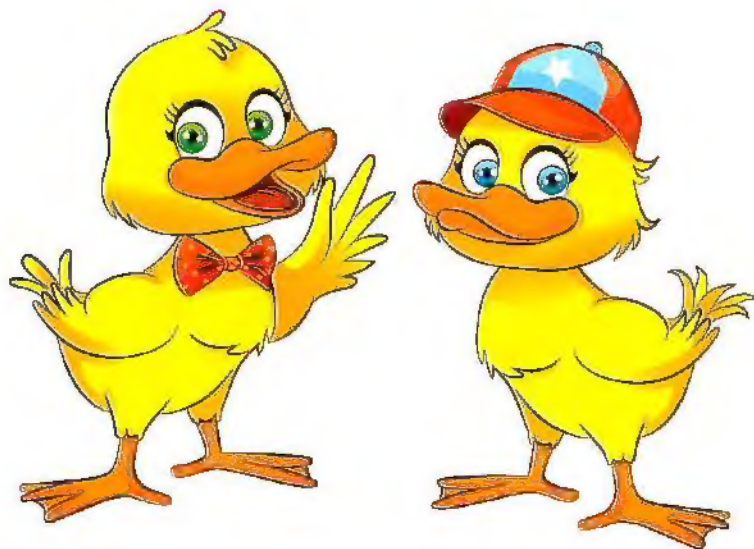


Scan the QR code and enjoy playing with your child.

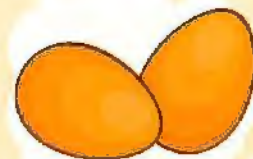
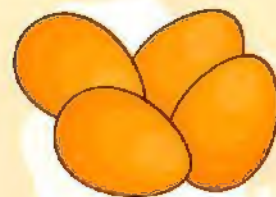




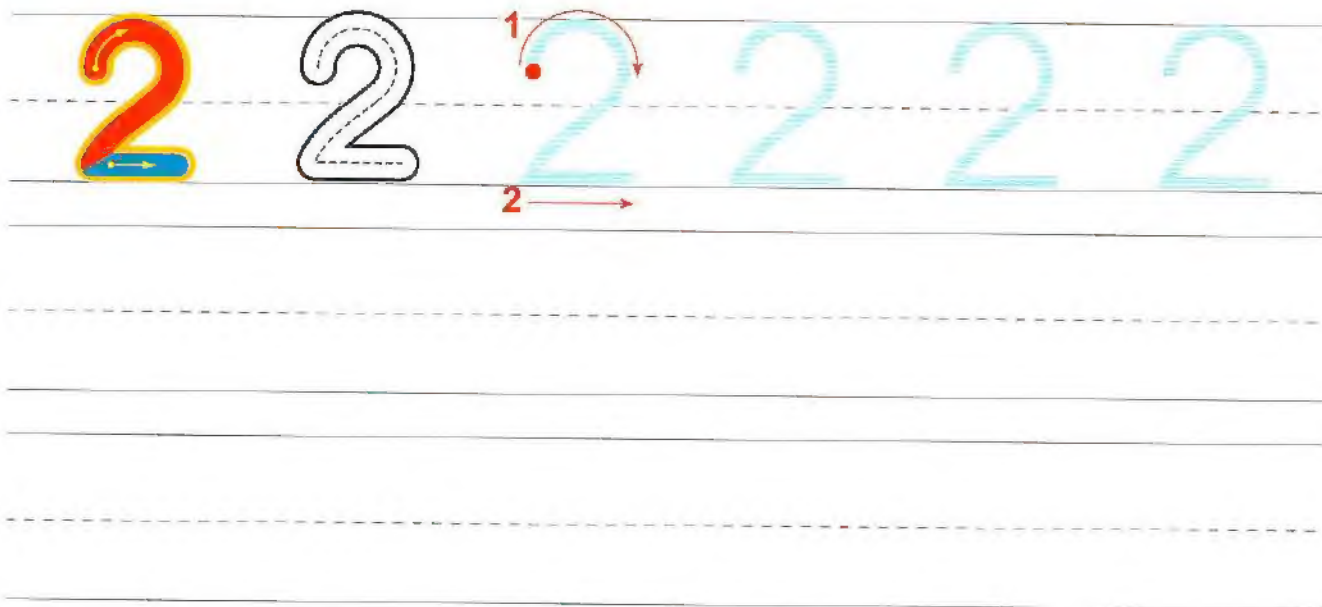
# 2 Two



Circle the group of 2.



Trace and write.



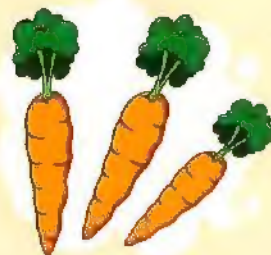
- Fill a container as shoe box with sand and help your child to use his/her finger to write the number 2 in the sand.



# 3 Three



Circle the group of 3.



Trace and write.



- Place a sheet of paper on the floor. Let your child dip a finger into a jar of paint and write 3 on the paper.



## Same / Different

This  is the **same** as this 

This  is **different** from this 

### Different colors



### Different sizes



### Different shapes



- Ask your child to find 2 items they look like the same in shape, color and size.
- Let your child recognize the differences between the items such as: size, color or shape.



# Exercise

## 1

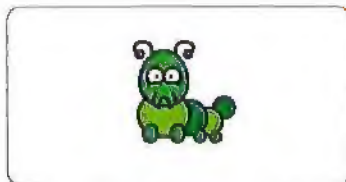
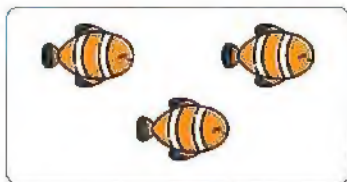
On Lessons 1 & 2

- Numbers up to 3
- Same / Different

### Numbers up to 3



Join according to the number.



1

2

3



Circle the group according to the number.

2



3



1



Color s according to the number.

2



1

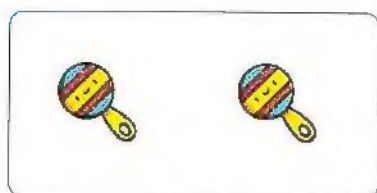


3





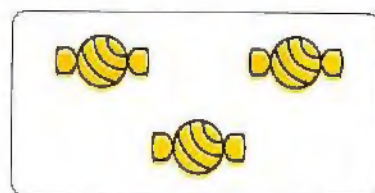
Count. Circle the number.



1      2      3



2      3      1



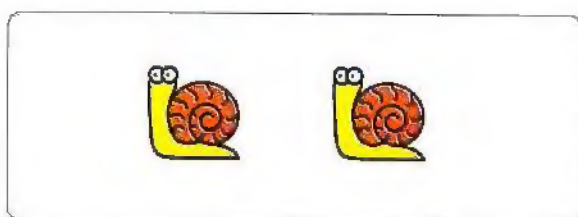
1      3      2



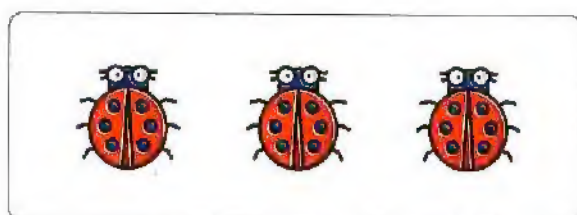
One      Two      Three



Two      One      Three



Three      One      Two



Two      Three      One



Circle the numbers that are the same as the words.

Two

1

2

3

One

3

1

2

Three

2

3

1





Count. Match.



1

Two



2

Three



3

One



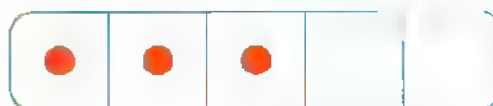
Join according to the raised fingers.



1



2



3



Draw ● according to the number.

Two

One

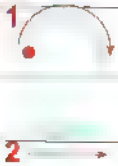
Three



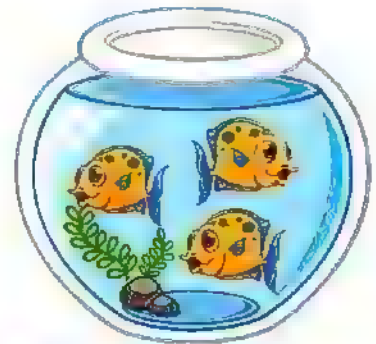
Trace and write the number 1.



Trace and write the number 2.



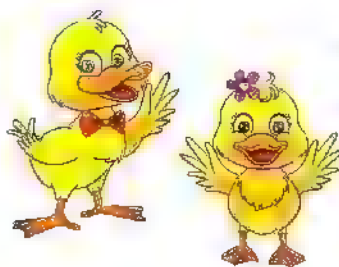
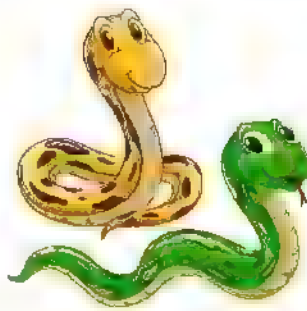
Trace and write the number 3.





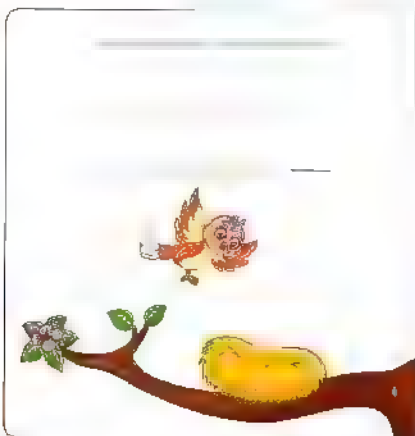
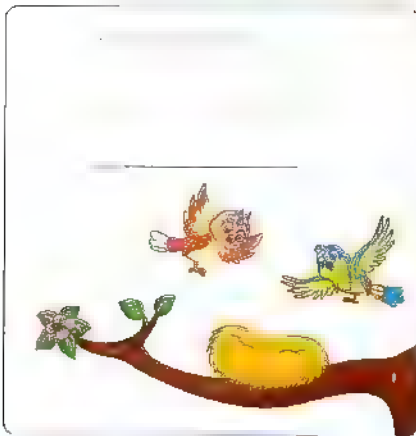
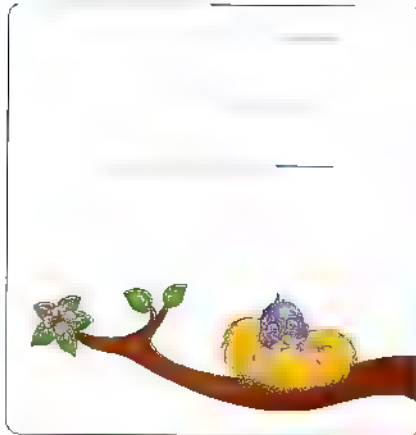


How many are there ? Write the numbers.





How many birds are there ? Write the numbers.



Count the raised fingers. Draw dots according to the number. Write the number.



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# Same / Different

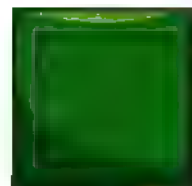
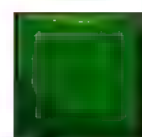
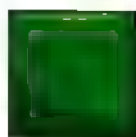
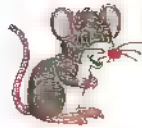


In each row, circle the picture that is the **same** as the first one.





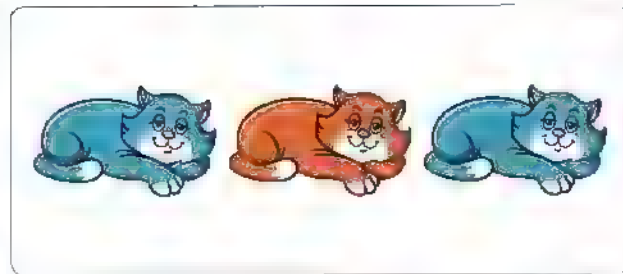
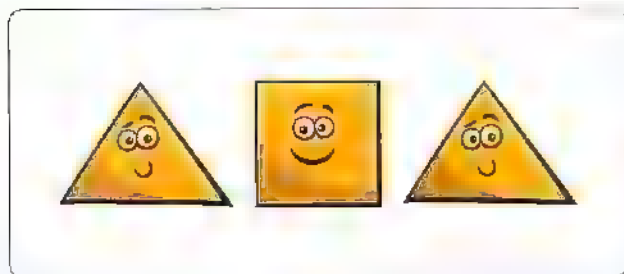
In each row, circle the picture that is **different** from the first one.



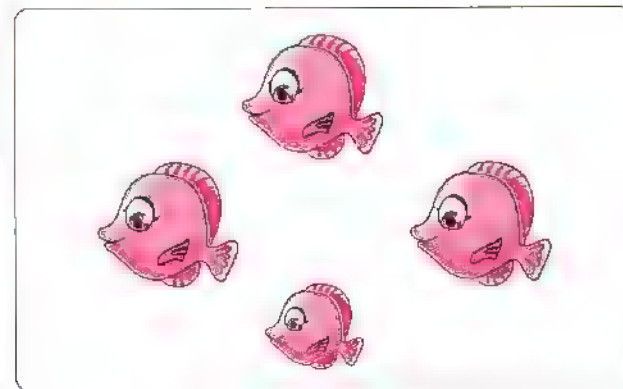
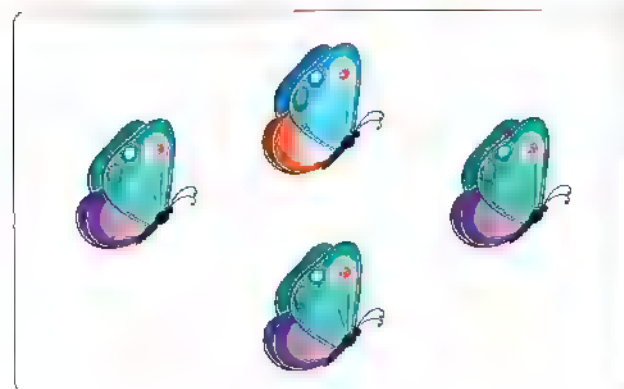
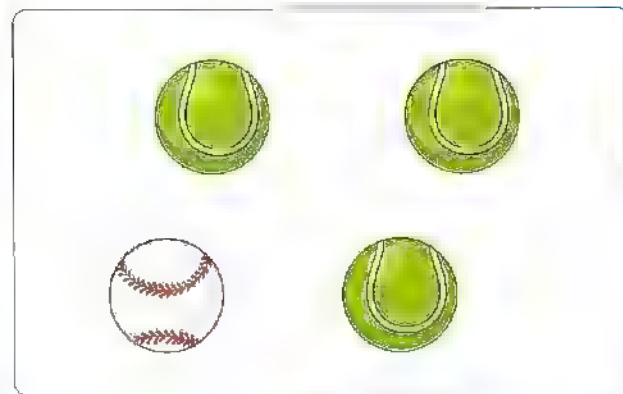
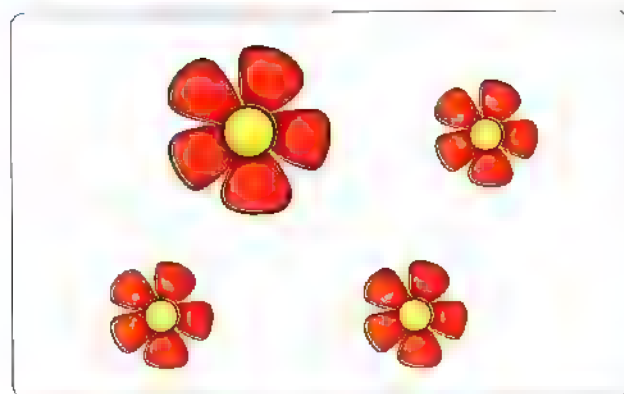




In each group, circle the picture that is different.



In each group, cross out the picture that is different.



Place  
a smiley  
face

- Counting up to 5
- The number line
- Graph

4

Four



Circle the group of 4.



Trace and write.

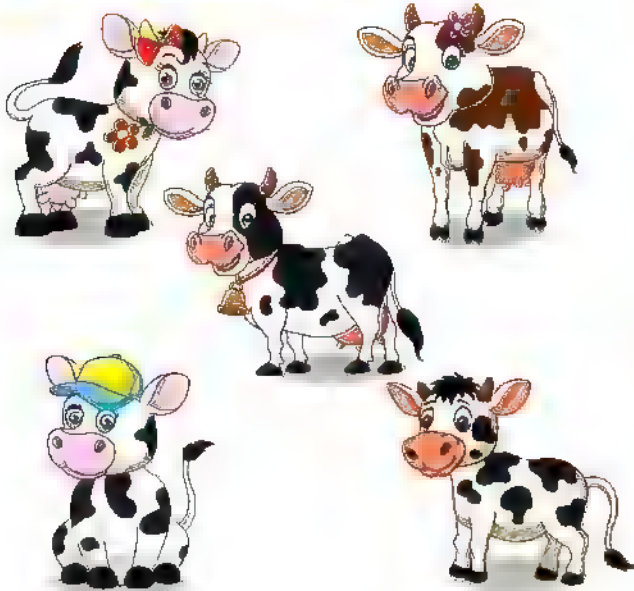
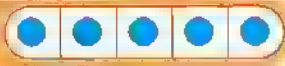


### Notes for parents

- Let your child write 4s in the sand with his/her finger. He/she can drop water from an eye dropper along the 4s to darken the sand numbers.



# 5 Five



Circle the group of 5.



Trace and write.



- Let your child find items at home and ask him/her to collect 4 or 5 of them such as 4 spoons, 5 plastic cups or 5 pencils.

## The number line

The number line is a line of numbers that go in order.  
The spaces between marks are equal.

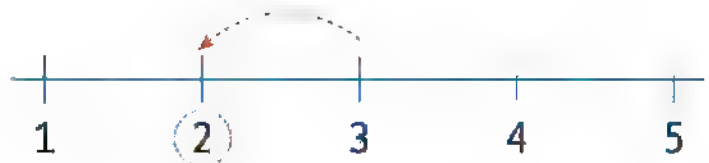


*The numbers go greater when counting.*

### Examples

› From the number line you can notice different data as :

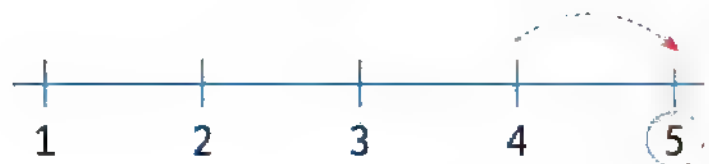
- 2 is one less than 3



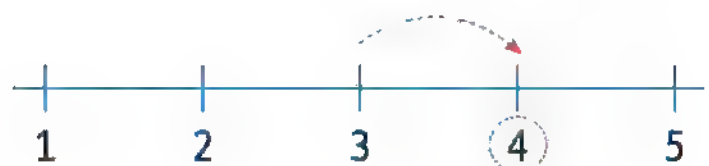
- 3 is one less than 4



- 5 is one more than 4



- 4 is one more than 3



• Ask your child to count in order from 1 to 5.

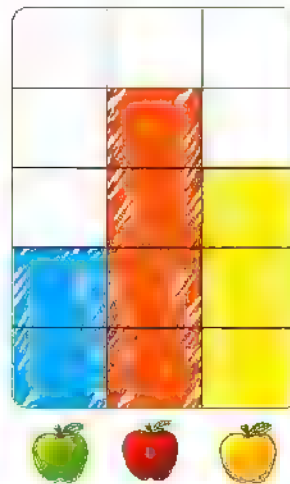
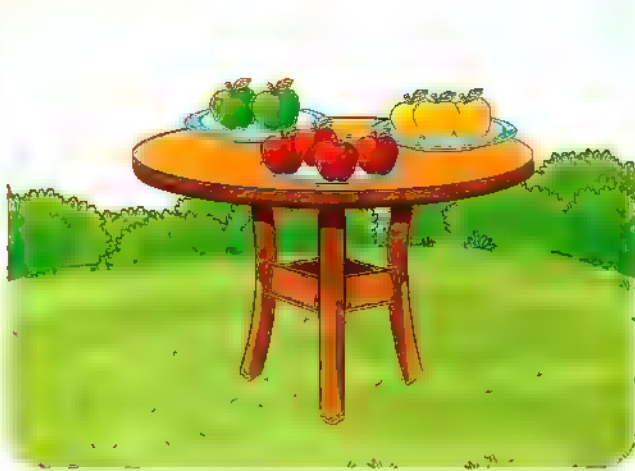
## Graph

A graph is a way to show data in a picture.

Data is another word of information.

Graphs are helpful when you want to compare pieces of information.

### Example



Each box represents one item.



From the graph, you can read some data as.

- The number of  is 2.
- The number of  is 4.
- The number of  is 3.
- The green apples  are the fewest.
- The red apples  are the most.
- The total number of  and  is 5.





# Exercise

## 2

On Lessons 3 to 6

- Counting up to 5
- The number line
- Graph

### Counting up to 5



Join according to the number.

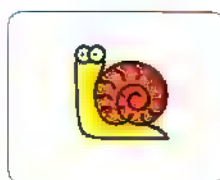
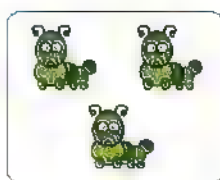
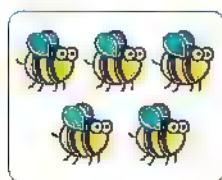
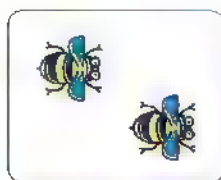
1

2

3

4

5



Join.

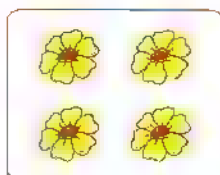
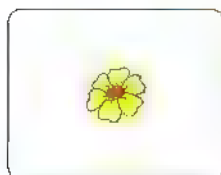
Two

Four

One

Five

Three

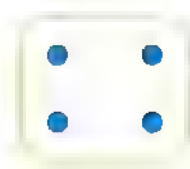
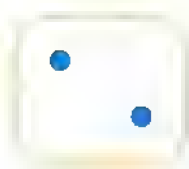
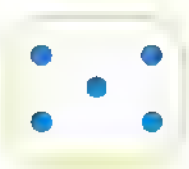
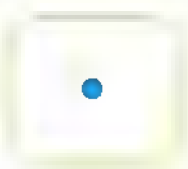
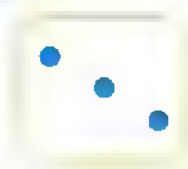


Color s according to the number.

1					
2					
3					
4					
5					



Count the dots. Match.



1

2

3

4

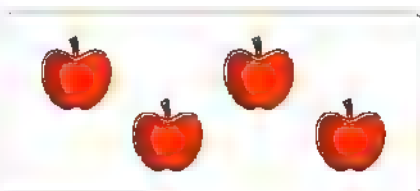
5



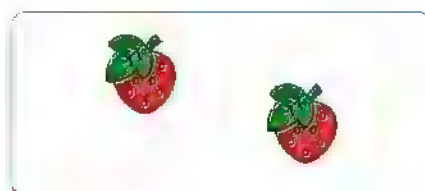
Circle the number according to each group.



2      3      5



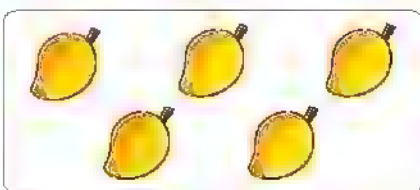
2      4      5



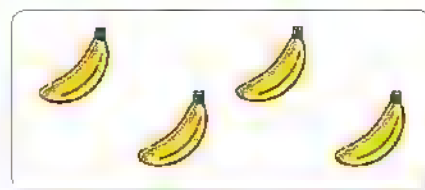
1      2      4



three   one   four



three   four   five



three   four   one



Circle the numbers that are the same as the words.



Five

1

2

3

4

5

Three

1

2

3

4

5

Four

1

2

3

4

5

Two

1

2

3

4

5



Count. Match.



3

Five



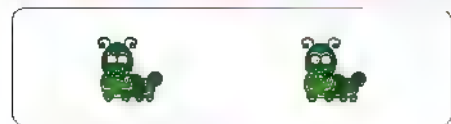
4

Three



1

One



5

Two



2

Four



Join according to the raised fingers.



1



2



3



4



5



Draw ● according to the number.

Four

One

Five

Three





Trace and write the number 4.

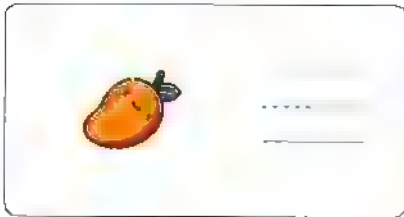
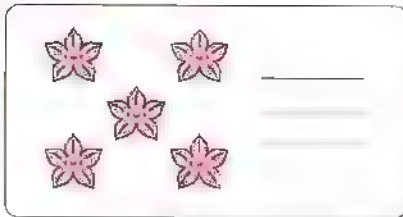
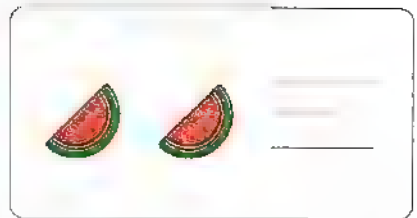
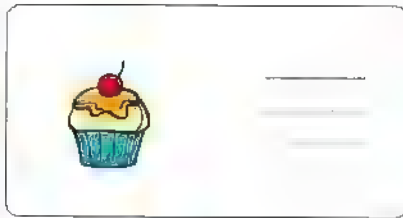


Trace and write the number 5.

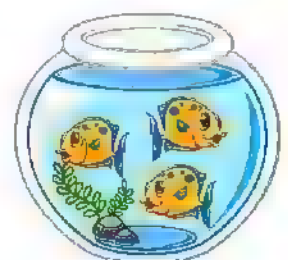
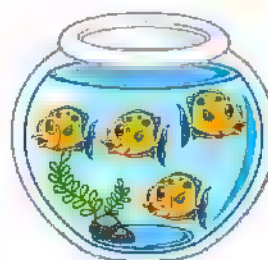
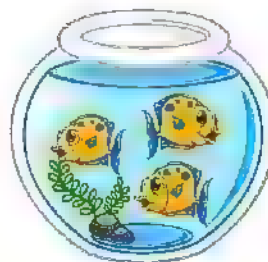




Write the number.



How many fish are there ? Write the number.





Count the raised fingers. Draw dots according to the number.  
Write the number.



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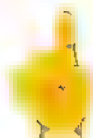
--	--	--	--	--



--	--	--	--	--



--	--	--	--	--



--	--	--	--	--



Write the number of dots.

•	•				•	•	•	•		•	•	•	•	•
---	---	--	--	--	---	---	---	---	--	---	---	---	---	---

•	•	•		
---	---	---	--	--

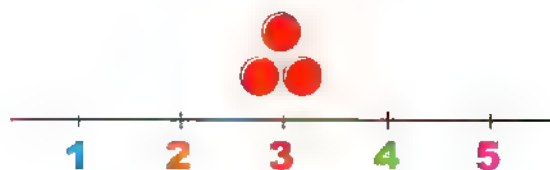
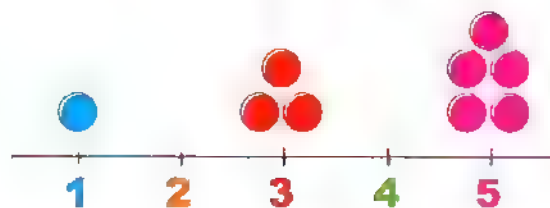
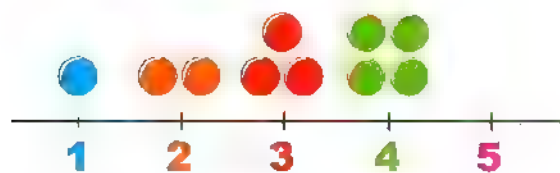
•				
---	--	--	--	--



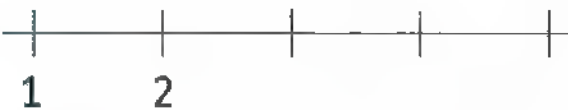
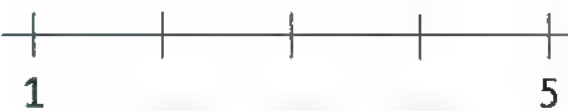
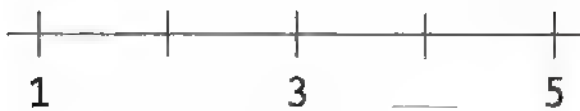
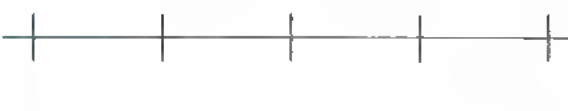
## The number line



Draw the missing dots according to its number on each number line.



Write the missing numbers on each number line.





Circle the correct number on the number line.

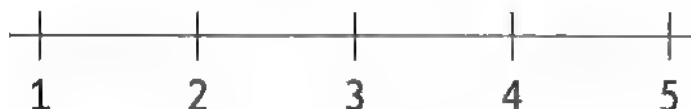
Go **back** one space



○ One less than 4



○ One less than 5



○ One less than 2



○ One less than 3



Circle the correct number on the number line.

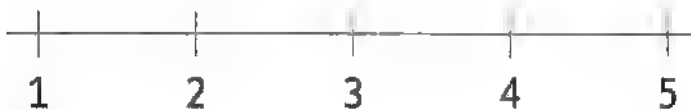
Go **forward** one space



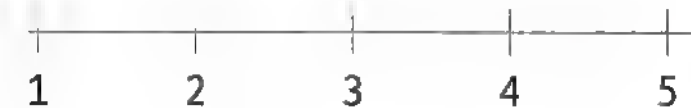
○ One more than 3



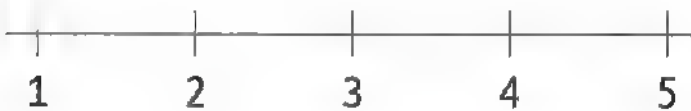
○ One more than 4



○ One more than 1



○ One more than 2



## Graph

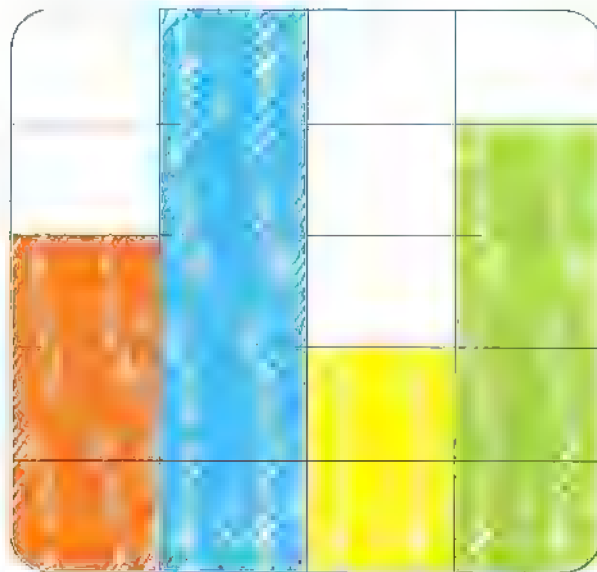
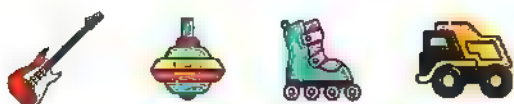


Use the graph to answer the question. Circle the correct answer.

- Which item shows the most ?



- Which item shows the fewest ?



- How many  are shown ?



3 or 4 or 5

- How many  are shown ?

2 or 3 or 4

- How many  are shown ?

2 or 3 or 4

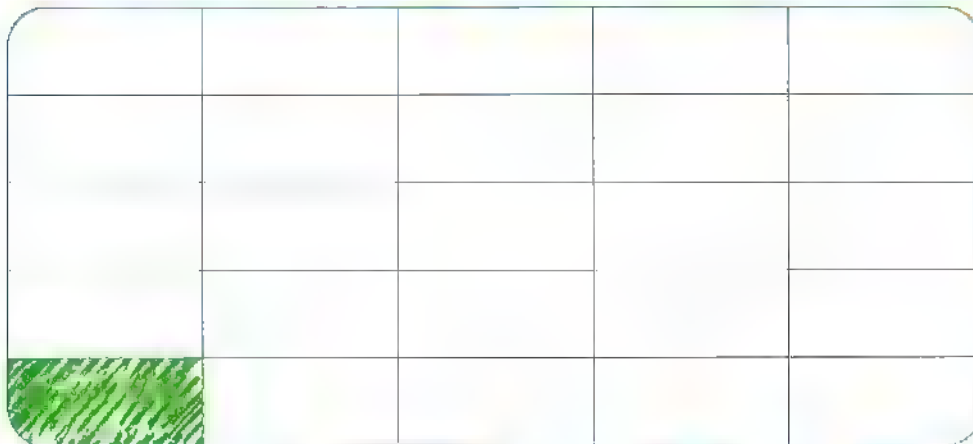
- How many  and  all together ?

3 or 4 or 5

- How many  are shown ?

3 or 4 or 5





**Circle which item there is the most of.**





Color to show how many of each item.






Which item there is the least of? Circle.



Color to show how many of each item.






Which item there is the most of? Circle.

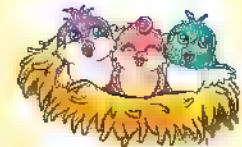


Place  
a smiley  
face

0 Zero



Circle the nest that have 0 birds inside.

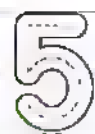
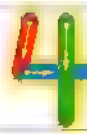
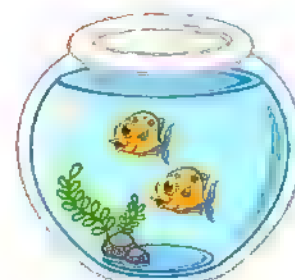


Trace and write.



- Ask your child to show you a hand with some fingers showing and a hand with zero fingers showing.
- Ask your child to write the number 0 in the air.

# Review on writing the numbers from 1 to 5



- Your child can use glue to draw a number from 1 to 5 on a paper and then sprinkle with seeds, rice or macaroni to make raised numbers.



# Exercise

## 3

On Lessons 7 to 10

- Number 0
- Reviewing numbers from 1 to 5



Join.

One

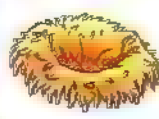
Four

Zero

Two

Five

Three



5

3

0

4

2

1



Join.

0

1

2

3

4

5

Four

Three

Five

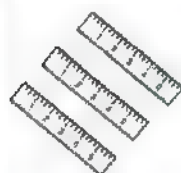
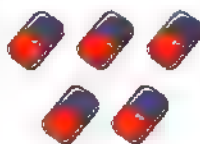
Zero

Two

One

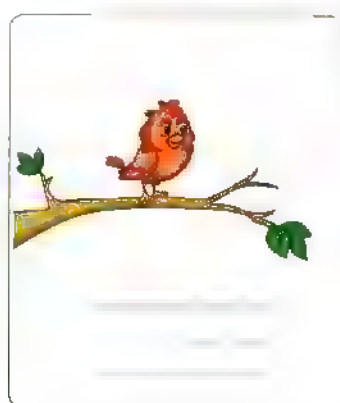
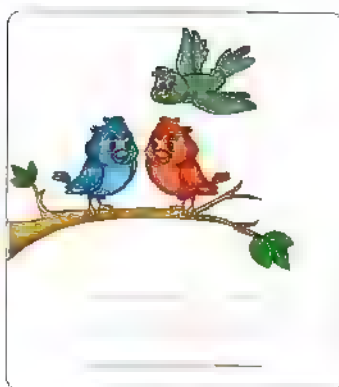
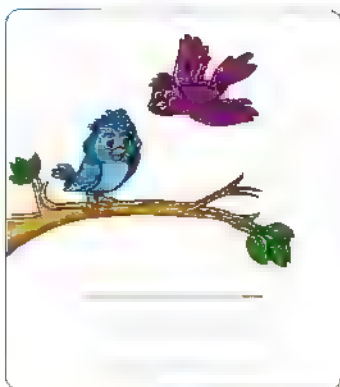


Write the numbers.

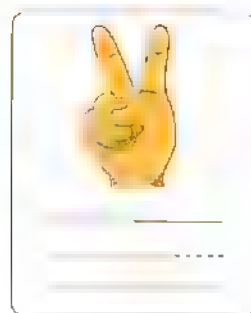
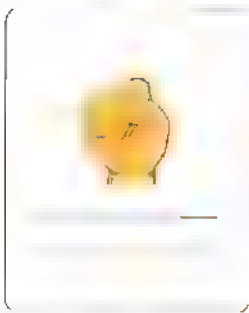
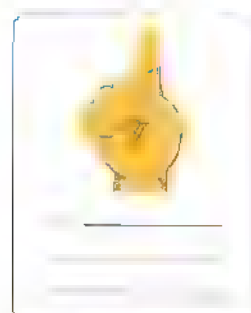
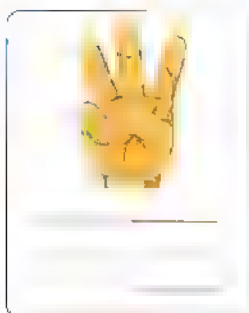




How many birds are there ? Write the numbers.

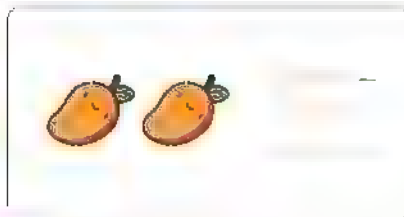
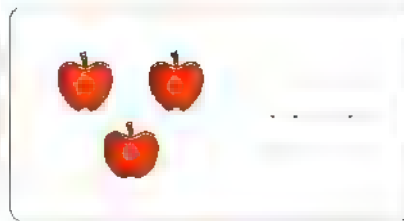


Write the number of raised fingers.





Write the number that shows how many.



Count the number of dots on each hat. Write the number.

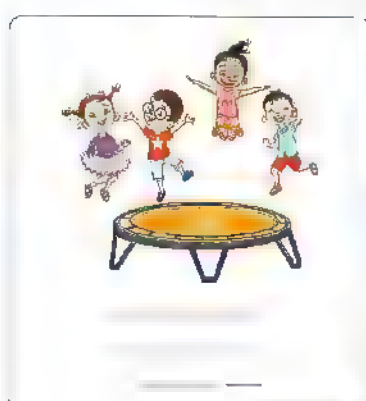
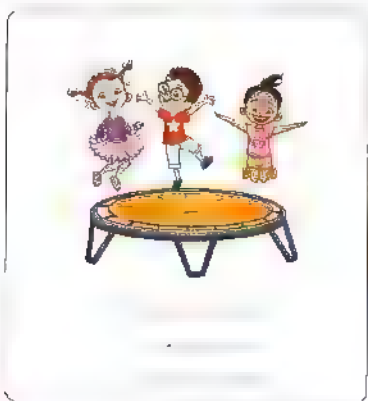


Count the number of dots in each frame. Write the number.





Count and write the number of children.



Discover the differences and choose their number.



1

2

3

4

5





Count. Write the number of each item.





How many ?





Cross out the extra items to get the written number.  
Write the number of items you crossed.

Cross out

3



\_\_\_\_\_

2



\_\_\_\_\_

1



\_\_\_\_\_

4



\_\_\_\_\_

5



\_\_\_\_\_



Complete drawing ♥ s to get the written number.  
Write the number of ♥ s you drew.

4



\_\_\_\_\_

2



\_\_\_\_\_

3



\_\_\_\_\_

5



\_\_\_\_\_

1



\_\_\_\_\_

5



\_\_\_\_\_

Place  
a smiley  
face



Use the color codes to color the parrot.

Red	1
Blue	2
Yellow	3
Green	4
Orange	5







Color the spaces using the color codes.

5



0

Brown

1

Orange

3

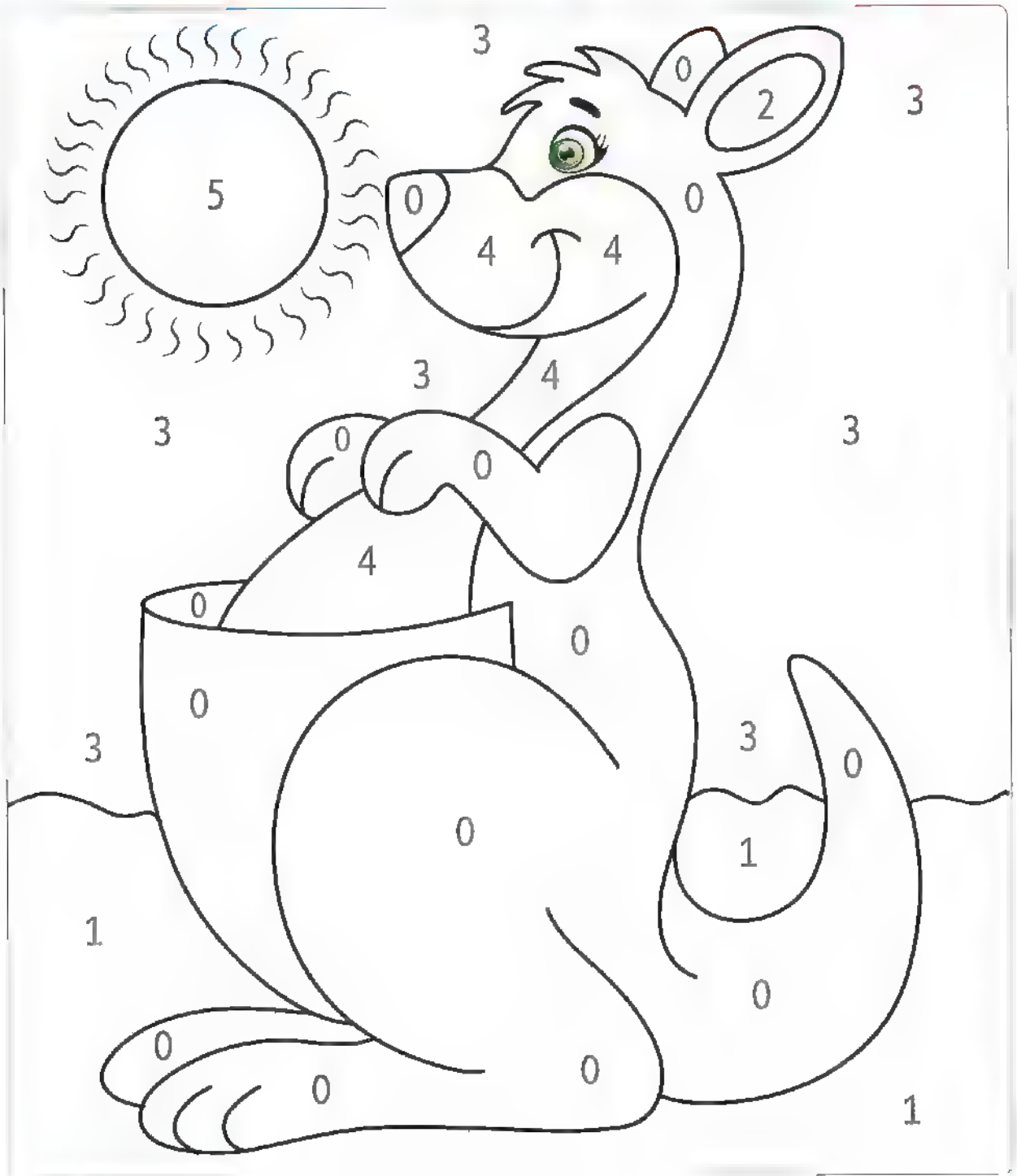


2

Gray

4

Pink



## CHAPTER

# 2

### • Outcomes of lessons

#### ► Lessons 11 & 12

- Participate in calendar math activities.
- Write numbers 6 and 7.
- Answer questions about data.

- Count up to 7.

- Represent quantities using pictures.

#### ► Lessons 13 to 16

- Participate in calendar math activities.
- Write numbers 8, 9 and 10.
- Answer questions about data.

- Count up to 10.

- Represent quantities using pictures.

#### ► Lessons 17 & 18

- Participate in calendar math activities.
- Identify numbers that are 1 less and 1 more than a given number.
- Answer questions about data.

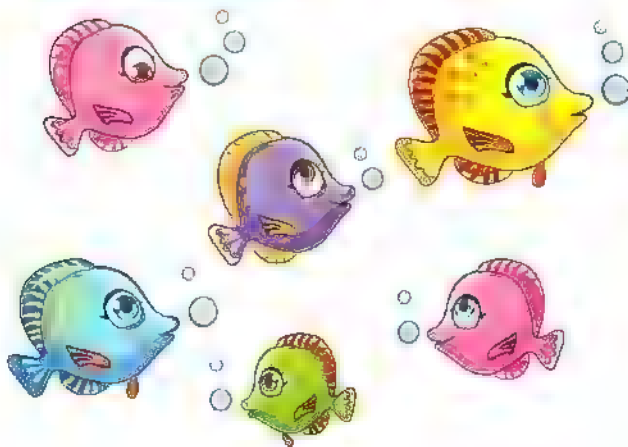
- Count, read and write numbers up to 10.

- Represent quantities from 1 to 10 using pictures.

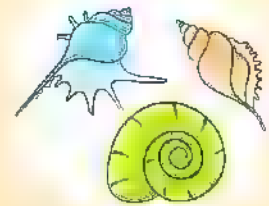
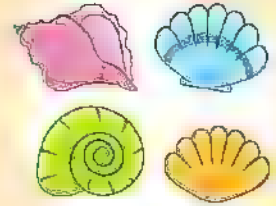


6

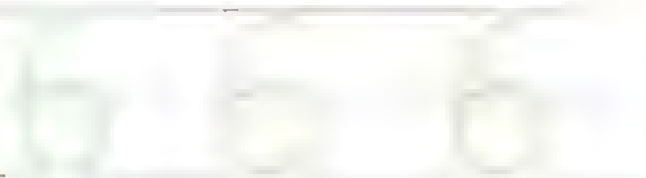
Six



Circle the group of 6.

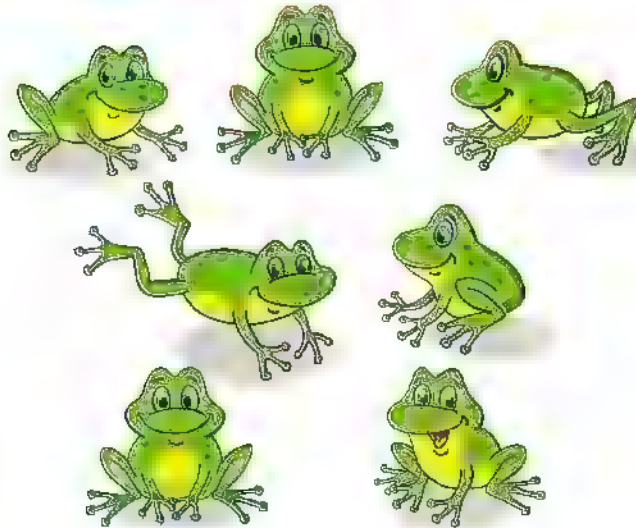
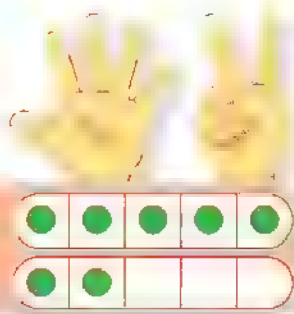


Trace and write.

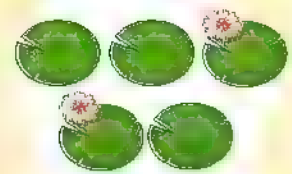
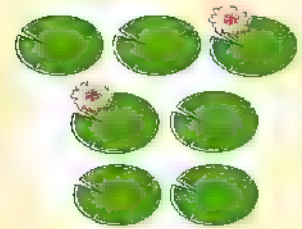
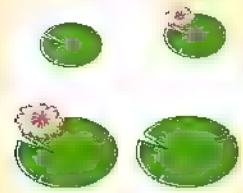


- Make a large 6 on the floor with chalk and invite your child to walk along the 6 making sure he/she starts at the right point.

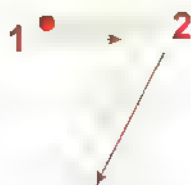
# 7 Seven



Circle the group of 7.



Trace and write.



- Ask your child to find 7 things at home different in sizes and find 6 things that have the same color.
- Help your child show the number 7 using clay



# Exercise

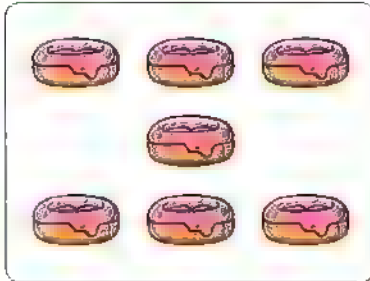
## 4

## Numbers 6 & 7

On Lessons 11 & 12



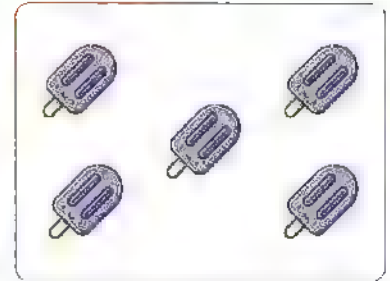
Count. Choose the number.



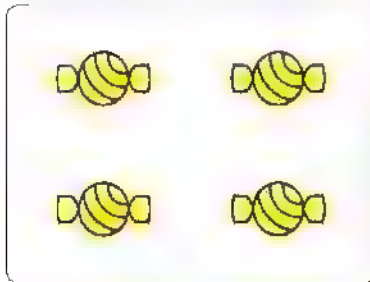
5      6      7



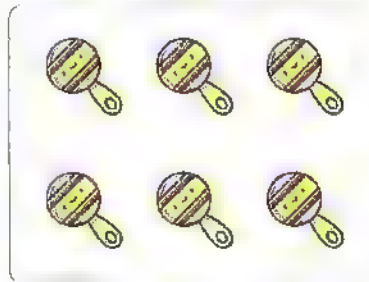
2      3      4



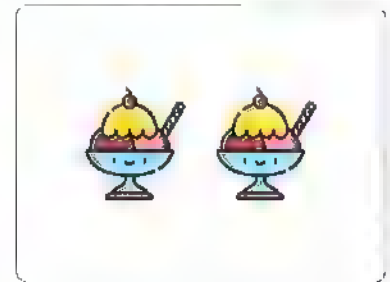
4      5      6



3      4      5



4      5      6



1      2      3



Circle the number of raised fingers.



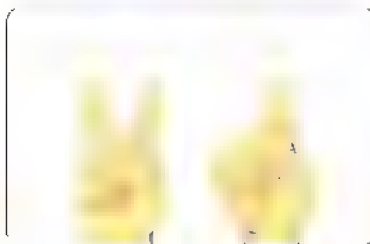
5      6      7



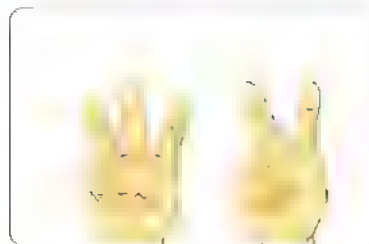
2      3      4



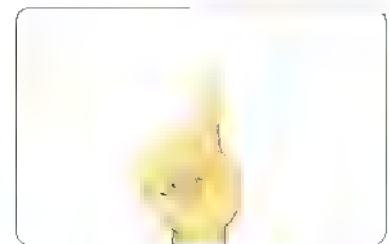
5      6      7



3      4      5



4      5      6



0      1      2



Join each picture with the suitable number.



6



4



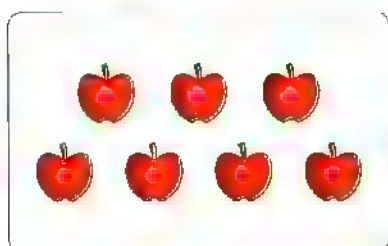
5



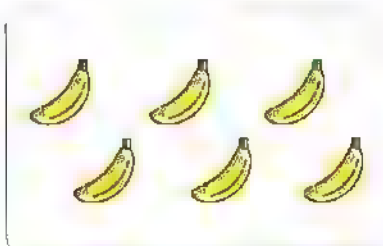
7



Count. Circle the number.



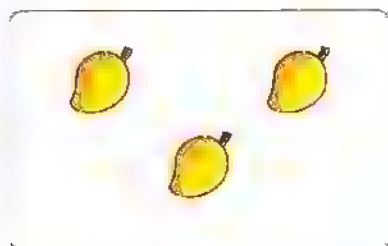
four six seven



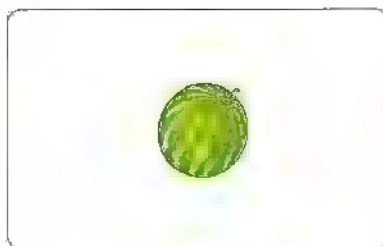
five six seven



four six seven



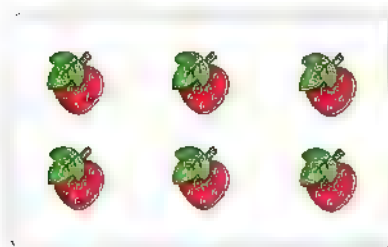
three four five



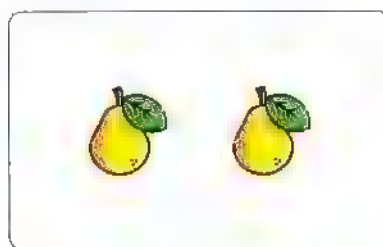
zero one two



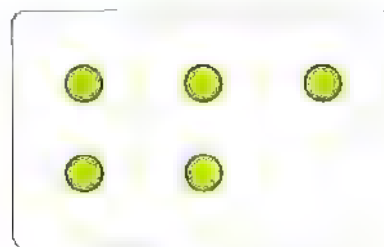
six seven four



three five six



one two three



five six seven

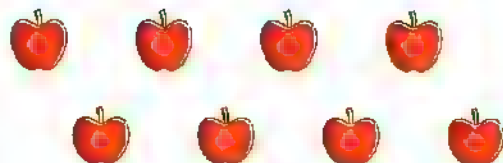


Ring items according to the written number.

5



7



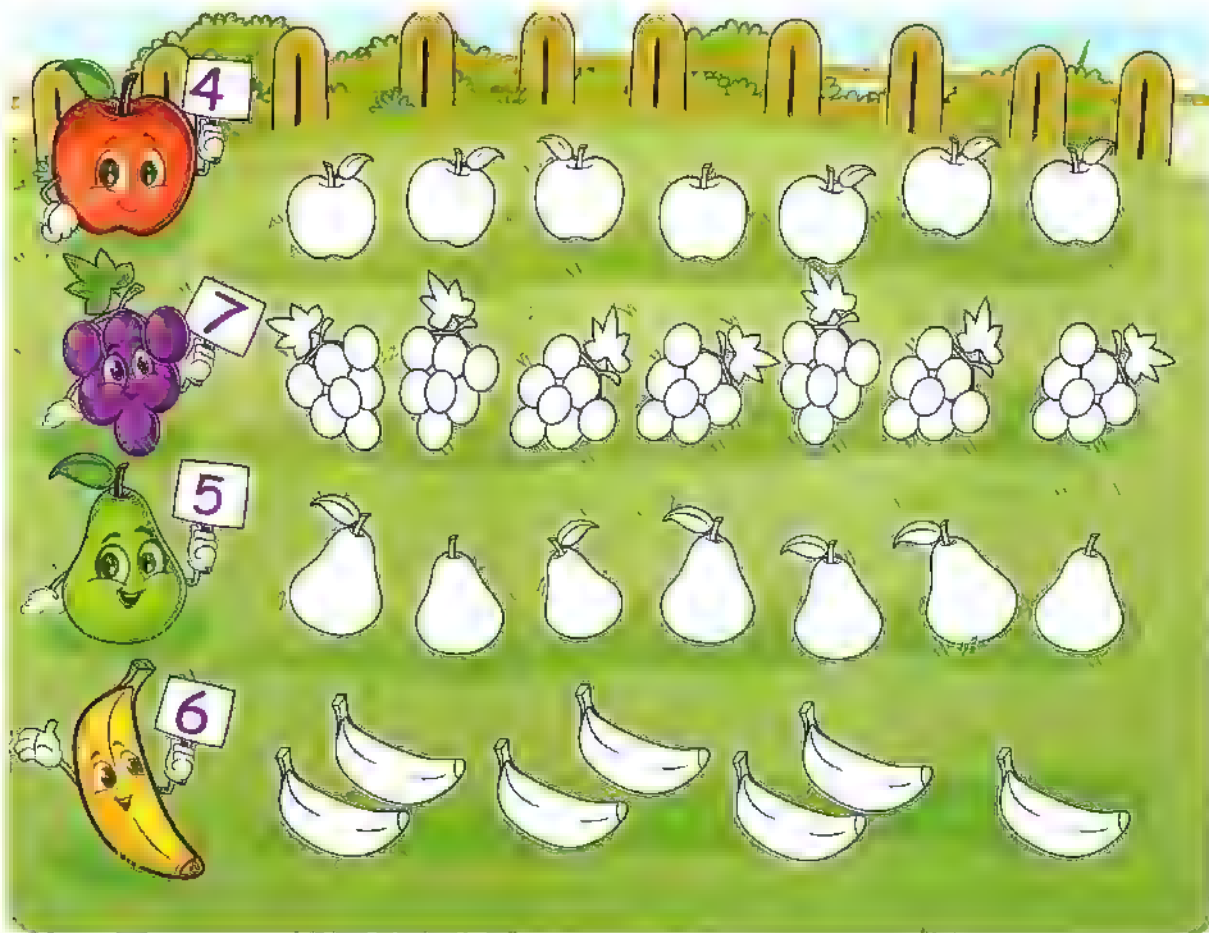
6



3



Color the amounts shown on the tags.

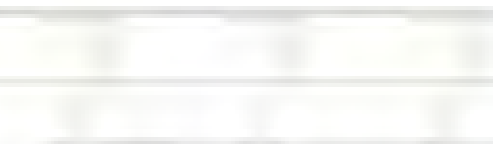




Trace and write the number 6.



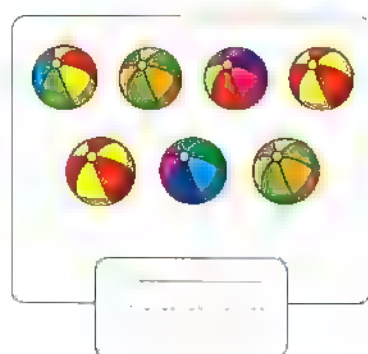
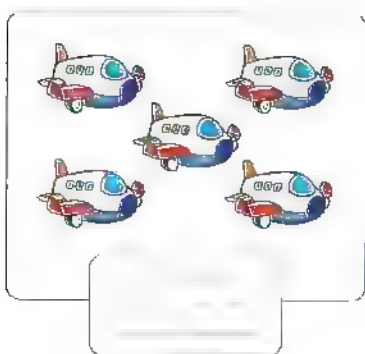
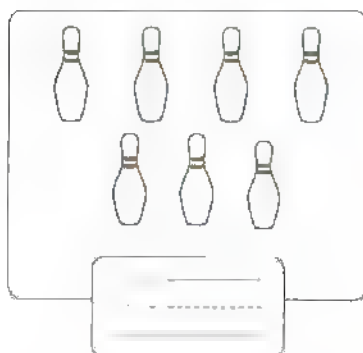
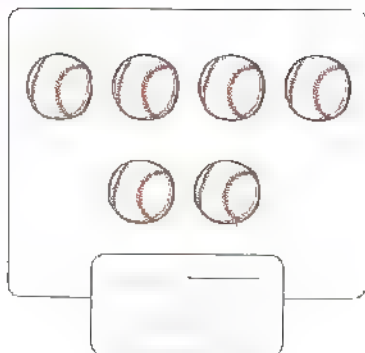
Trace and write the number 7.



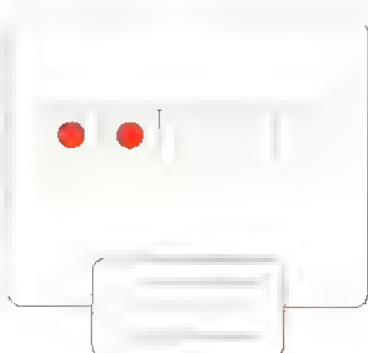
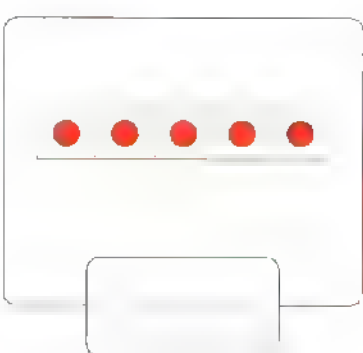
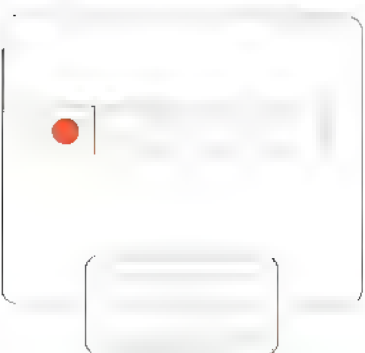
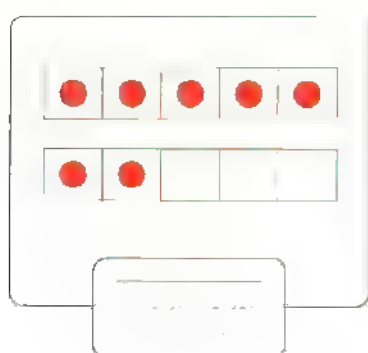
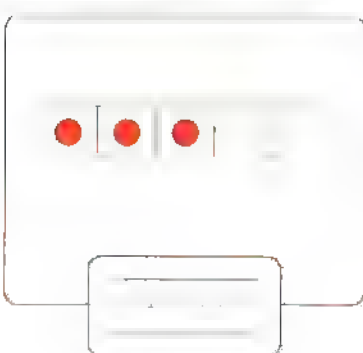
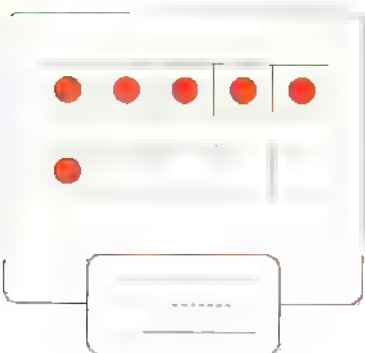




Write the number that shows how many.

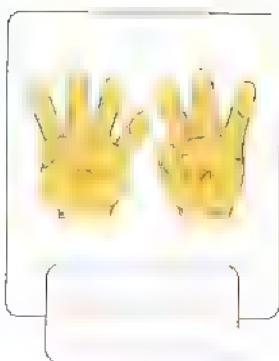
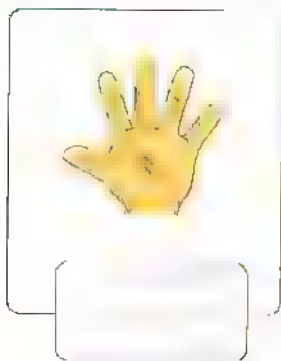


Count. Write the number of dots in the frames.

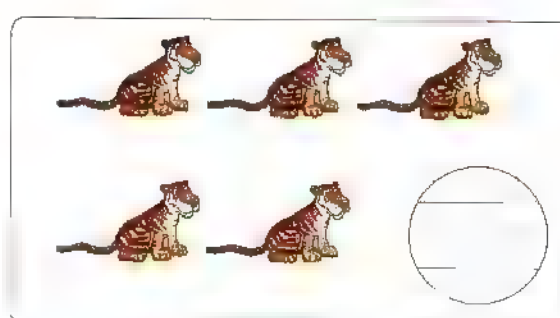
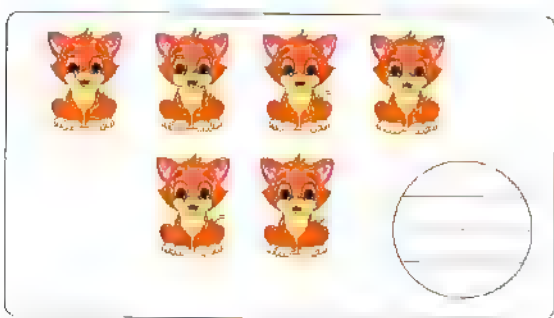
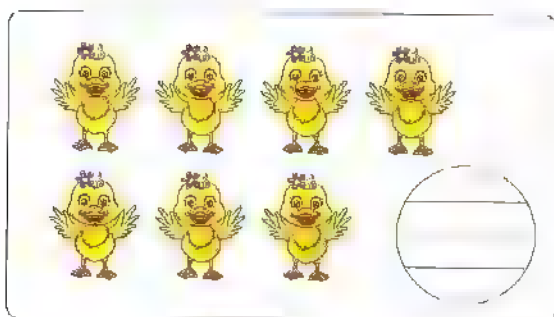
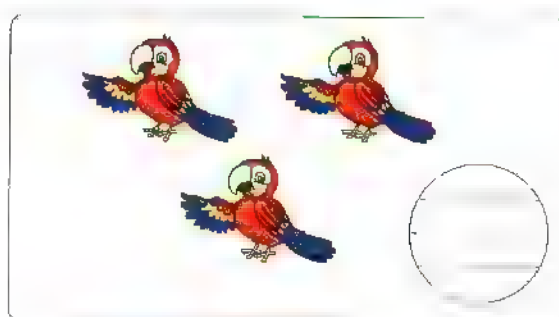
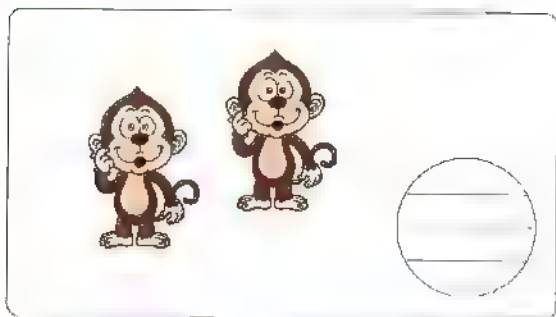




Write the number of raised fingers.



Count. Write the number of animals.





Write the number of dots in each domino.





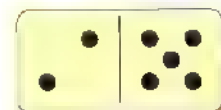


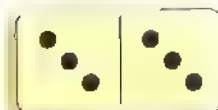


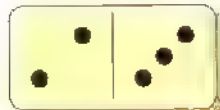










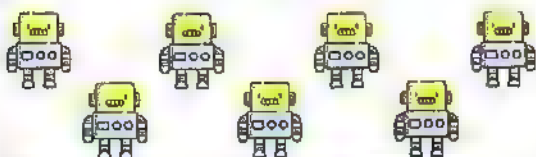


Count. Draw ● according to the number.















Draw  according to the number.

7

5

6

4



Draw to get the written number. Write how many items you drew.

7



5



6



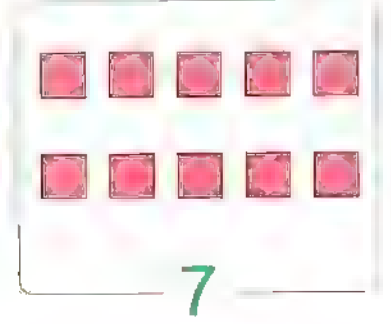
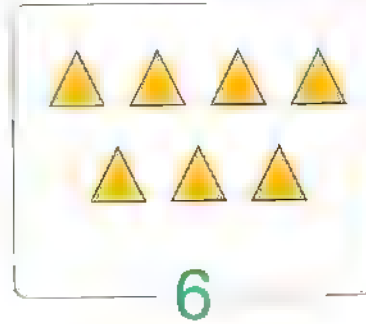
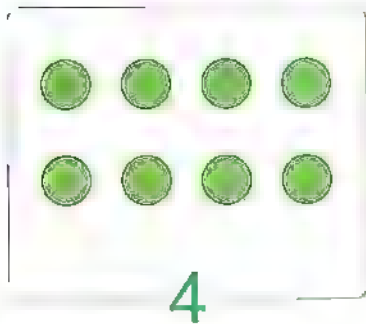
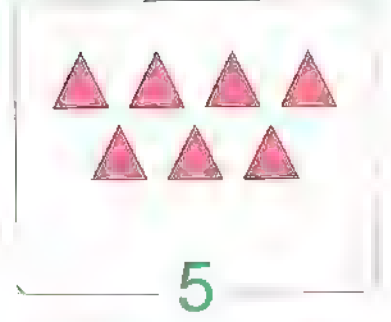
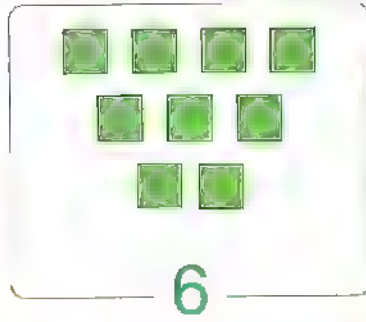
4



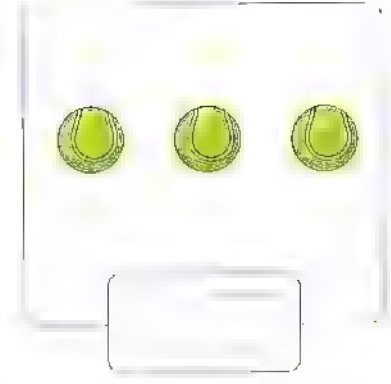
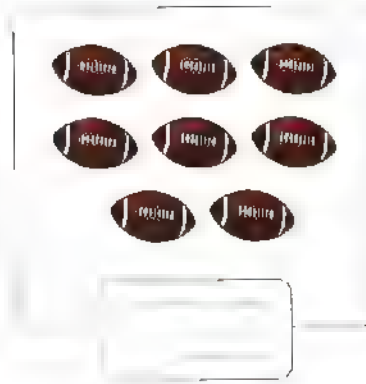




Cancel to get the written number.



Cancel 1 item in each group. Write the number of the left items.





How many ?



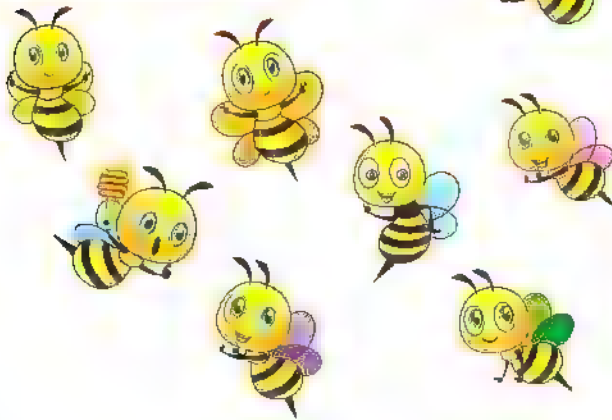
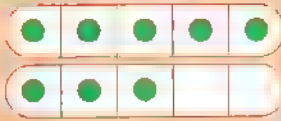
○ Color one box for each animal.

Animal with 2 legs							
Animal with 4 legs							

○ Complete : - Number of animals with 2 legs = . . . . .  
- Number of animals with 4 legs = . . . . .

Place  
a smiley  
face

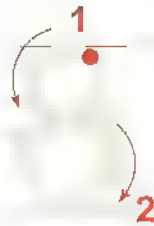
**8** **Eight**



**Circle the group of 8.**



**Trace and write.**

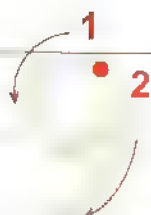


- Give your child a card with the number 8 written on it, then ask him/her to draw pictures on this card to show a group of 8.
- Ask your child to draw 8 circles and color them with the same color.

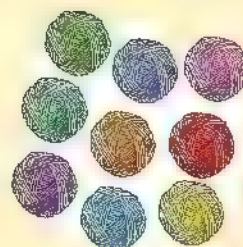
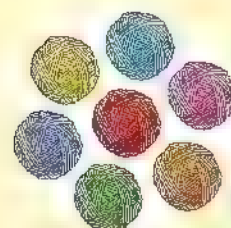
# 9 Nine



Trace and write.



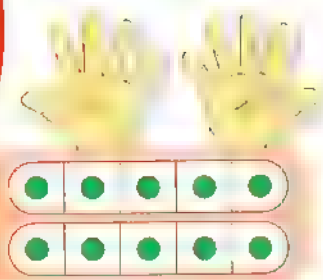
Circle the group of 9.



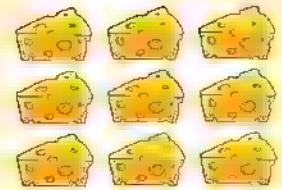
- Ask your child to draw 9 stars different in size.
- Draw a large number 9 on a paper and invite your child to roll a rope of clay and use it to form the number 9 on top of the model.



# 10 Ten

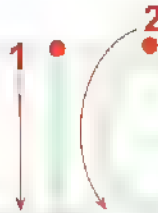
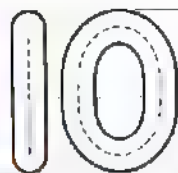


Circle the group of 10.



Trace and write.

10



- Ask your child to use his/her both hands to show the number 10.
- Use your finger to write a number from 1 to 10 in your child's palm, then ask him to guess this number correctly.

# Exercise

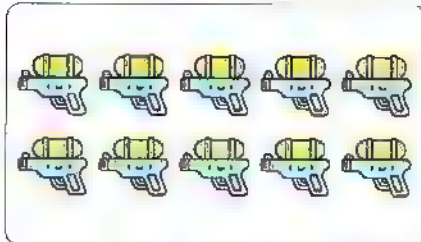
## 5

### Numbers 8 , 9 and 10

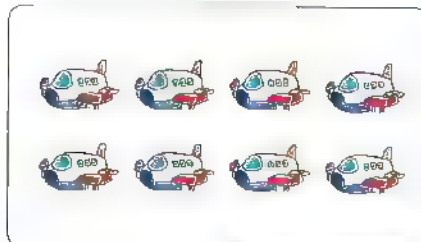
On Lessons 13 to 16



Count. Choose the correct number.



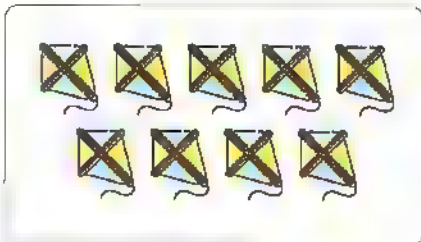
8      9      10



7      8      9



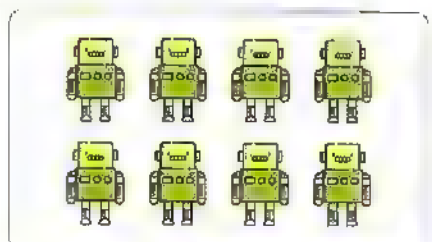
6      7      9



9      8      7



6      8      10



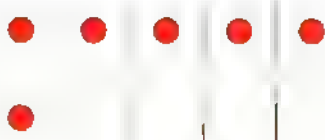
9      10      8



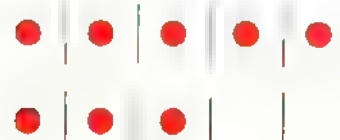
Count. Choose the correct number.



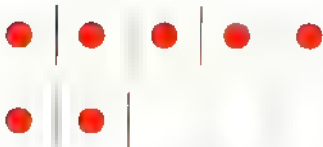
8      9      10



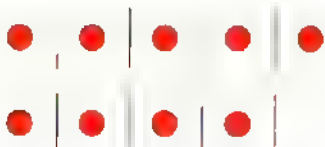
6      7      8



7      8      9



nine      six      seven



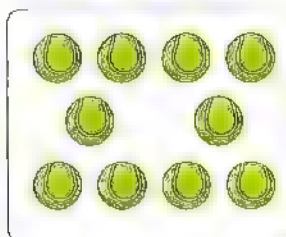
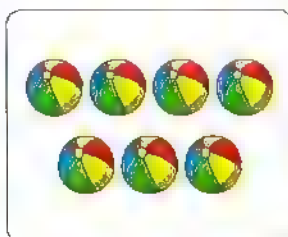
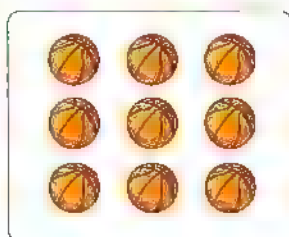
nine      eight      ten



four      five      six



Count. Join to the correct number.



7

8

9

10



Count the number of raised fingers.

Draw a line from each picture to the suitable number.



6

7

8

9

10



Draw a line from each



to the correct number word.



three

six



one

seven



two

five



ten

eight



nine



four

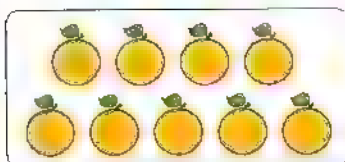






Join.

2



Four

3



Seven

7



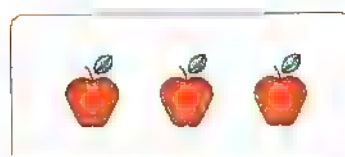
Two

5



Eight

9



Nine

8



Five

4



Six

1



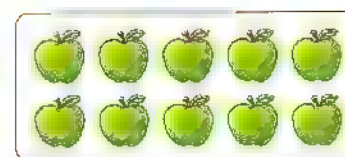
Three

6



Ten

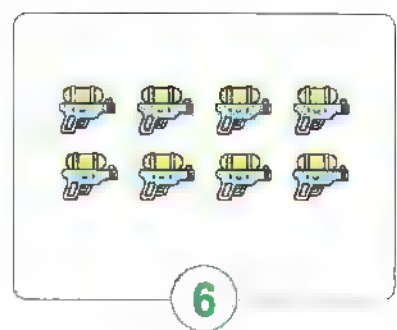
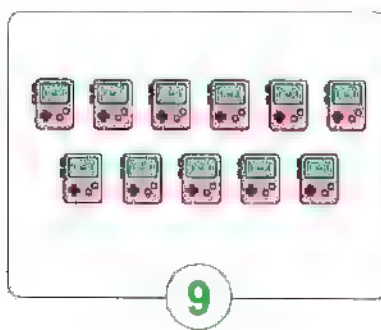
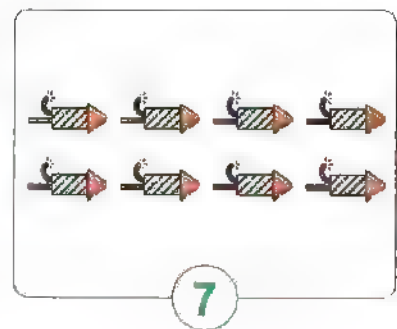
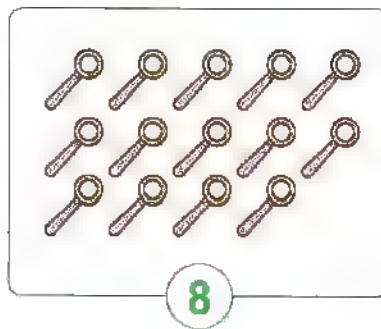
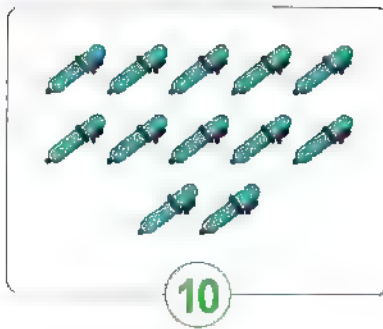
10



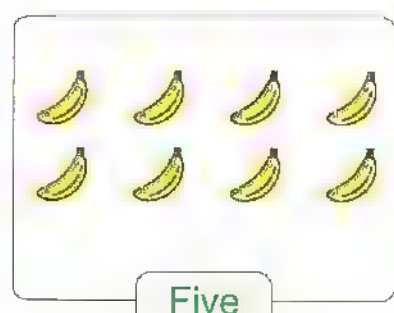
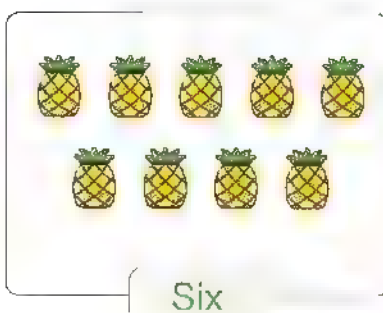
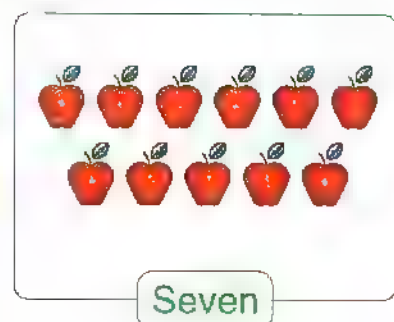
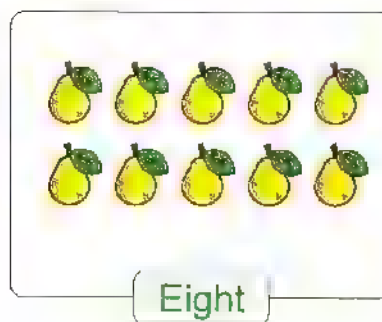
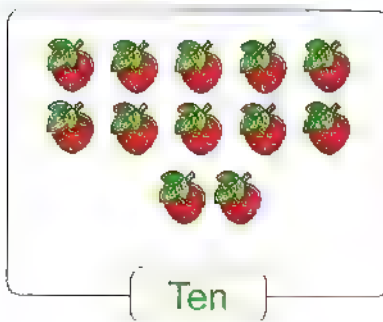
One



Ring according to the given number.

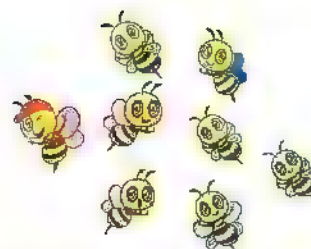


Ring according to the given number.

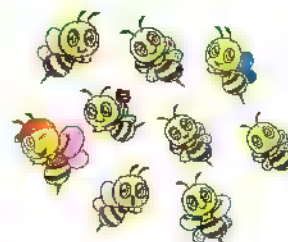
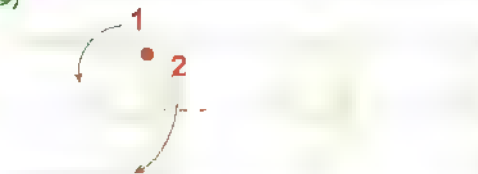




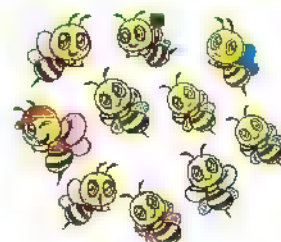
Trace and write the number 8.



Trace and write the number 9.

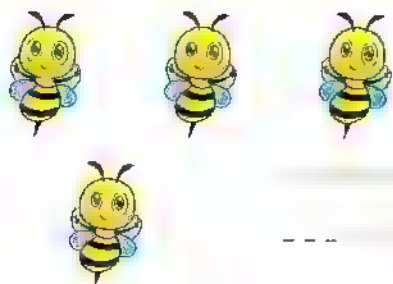


Trace and write the number 10.





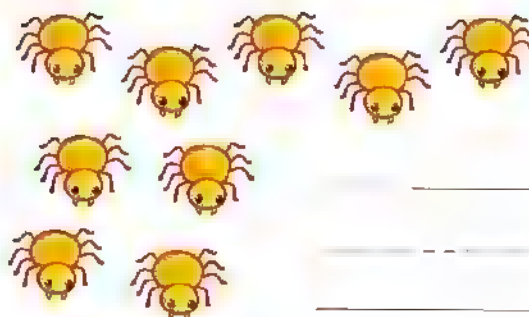
How many insects are there in each group ?



\_\_\_\_\_

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\_\_\_\_\_



\_\_\_\_\_

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\_\_\_\_\_



\_\_\_\_\_

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\_\_\_\_\_



\_\_\_\_\_

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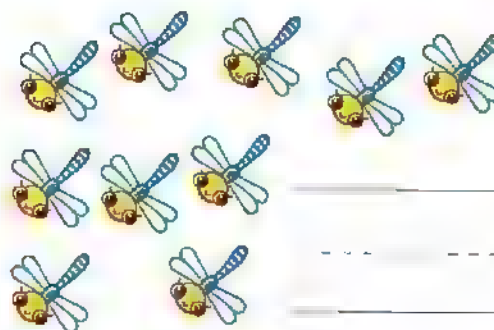
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\_\_\_\_\_

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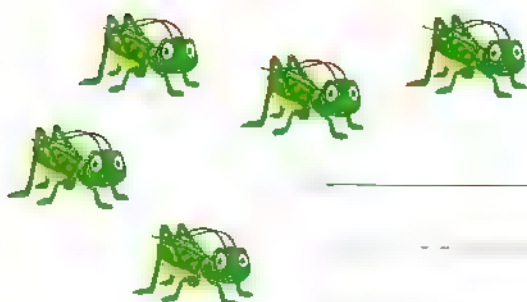
\_\_\_\_\_



\_\_\_\_\_

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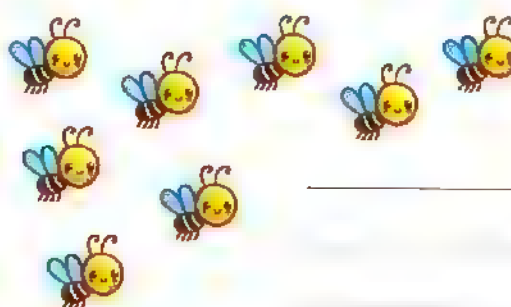
\_\_\_\_\_



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\_\_\_\_\_



\_\_\_\_\_

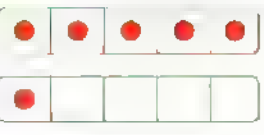






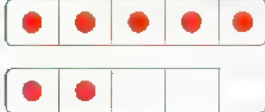

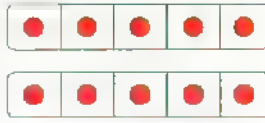
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\_\_\_\_\_





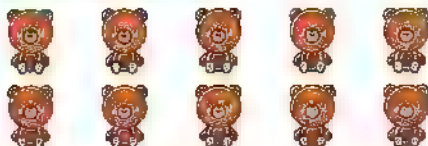







Count the dots and write the number.

 _____ _____	 _____ _____	 _____ _____	 _____ _____
 _____ _____	 _____ _____	 _____ _____	 _____ _____
 _____ _____		 _____ _____	






Count. Draw ● according to the number. Write the number.





  _____	  _____
  _____	  _____



**Complete drawing to get 10 items.**  
**Write the number of items you drew.**

					
<hr/> <hr/>					









					
<hr/> <hr/>					





					
<hr/> <hr/>					










					
<hr/> <hr/>					













**Match to make a 10.**


					
					



					







					
					

# Jungle Count



Circle how many you see on **BOTH PAGES**.

○ How many  are there ?

**4      5      6**

○ How many  are there ?

**5      6      7**

○ How many  are there ?

**2      3      4**

○ How many  are there ?

**7      8      9**

○ How many  are there ?

**8      9      10**



Color one box for each insect you see on both pages.






Circle which insect there is the most of.

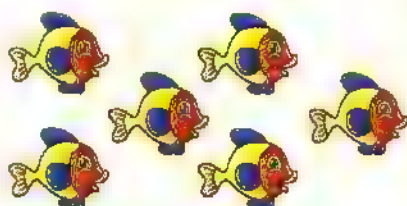


Place  
a smiley  
face

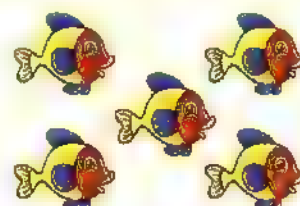


**One more / One less**

**One more**



**6** is **1 more** than **5**



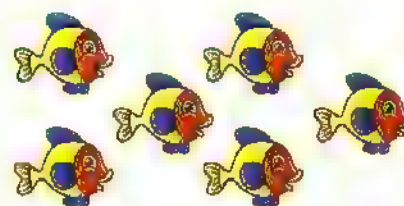
**More examples :**

- **4** is 1 more than **3**
- **10** is 1 more than **9**
- **7** is 1 more than **6**
- **2** is 1 more than **1**
- **5** is 1 more than **4**
- **8** is 1 more than **7**

**One less**



**5** is **1 less** than **6**



**More examples :**

- **3** is 1 less than **4**
- **9** is 1 less than **10**
- **2** is 1 less than **3**
- **7** is 1 less than **8**
- **4** is 1 less than **5**
- **8** is 1 less than **9**

## Comes just after / Comes just before

### Comes just after



2 comes just after 1

3 comes just after 2

#### More examples :

- 4 comes just after 3
- 10 comes just after 9
- 5 comes just after 4
- 8 comes just after 7
- 6 comes just after 5
- 7 comes just after 6

### Comes just before



4 comes just before 5

5 comes just before 6

#### More examples :

- 3 comes just before 4
- 7 comes just before 8
- 8 comes just before 9
- 9 comes just before 10
- 6 comes just before 7
- 0 comes just before 1

- Ask your child to count some objects at home, then tell the number that comes just before their number, and another number that comes just after their number.

# Exercise

## 6

On Lessons 17 & 18

- One more / One less
- Comes just after / Comes just before

One more / One less



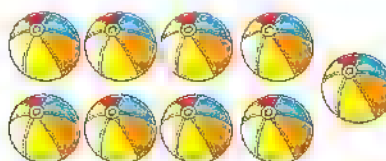
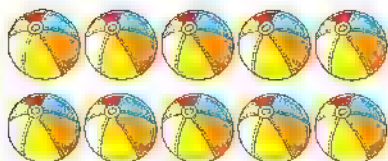
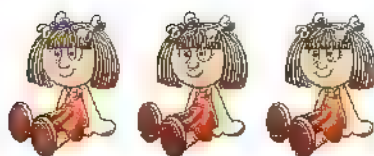
Count. Write the number. Circle the number that is 1 more as the example.



5

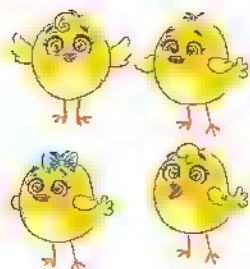


4

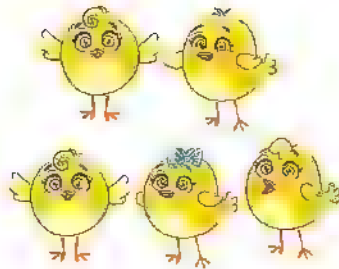




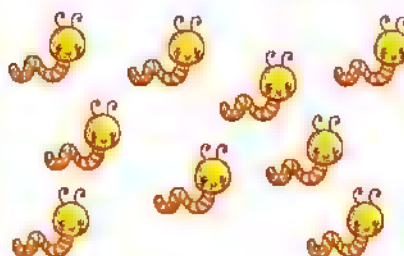
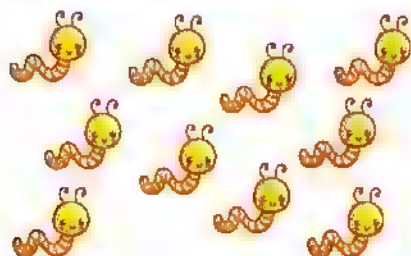
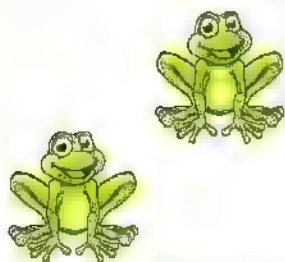
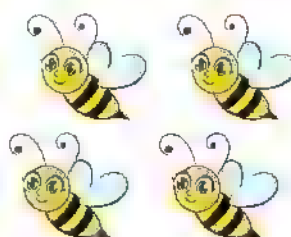
Count. Write the number. Circle the number that is 1 less as the example.



4



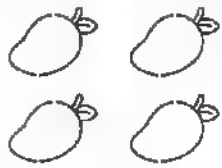
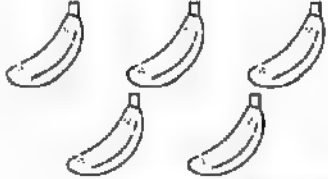
5

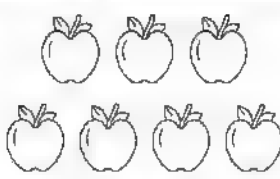
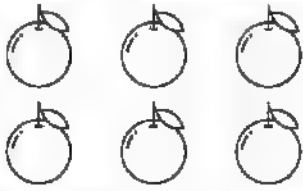








**Count. Write the number. Color the group that has one more object than the other.**

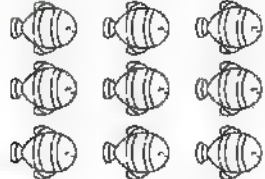

 _____	 _____
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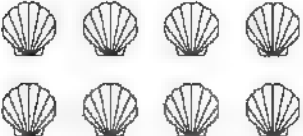
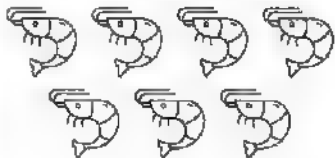
 _____	 _____
--	---


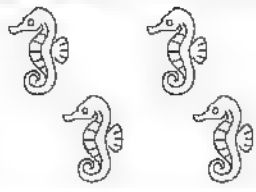
 _____	 _____
--	---



**Count. Write the number. Color the group that has one less object than the other.**

 _____	 _____
--	---

 _____	 _____
--	---

 _____	 _____
--	---



Write the number that is 1 more than the written number.

7		2		5	
6		8		1	
3		9		4	



Write the number that is 1 less than the written number.

	3		6		10
	5		9		2
	4		8		7



**Complete.**



○ 7 is 1 less than \_\_\_\_\_

○ 4 is 1 less than \_\_\_\_\_

○ 6 is 1 less than \_\_\_\_\_

○ 9 is 1 less than \_\_\_\_\_

○ 1 is 1 less than \_\_\_\_\_

○ 0 is 1 less than \_\_\_\_\_

○ 6 is 1 more than \_\_\_\_\_

○ 9 is 1 more than \_\_\_\_\_

○ 8 is 1 more than \_\_\_\_\_

○ 10 is 1 more than \_\_\_\_\_

○ 5 is 1 more than \_\_\_\_\_

○ 4 is 1 more than \_\_\_\_\_



**Complete.**

○ \_\_\_\_\_ is 1 more than 2

○ \_\_\_\_\_ is 1 more than 5

○ \_\_\_\_\_ is 1 more than 3

○ \_\_\_\_\_ is 1 more than 6

○ \_\_\_\_\_ is 1 less than 7

○ \_\_\_\_\_ is 1 less than 5

○ \_\_\_\_\_ is 1 less than 3

○ \_\_\_\_\_ is 1 less than 1

○ \_\_\_\_\_ is 1 more than 7

○ \_\_\_\_\_ is 1 more than 8

○ \_\_\_\_\_ is 1 less than 6

○ \_\_\_\_\_ is 1 less than 9



Write (✓) to the correct statement and (X) to the incorrect statement.

- |                                 |                                |
|---------------------------------|--------------------------------|
| ○ 2 is 1 more than 1    (    )  | ○ 5 is 1 more than 6    (    ) |
| ○ 7 is 1 less than 6    (    )  | ○ 8 is 1 more than 7    (    ) |
| ○ 9 is 1 less than 10    (    ) | ○ 4 is 1 less than 3    (    ) |



Choose less or more.

6 is one \_\_\_\_ than 7

less    more

3 is one \_\_\_\_ than 4

less    more

10 is one \_\_\_\_ than 9

less    more

1 is one \_\_\_\_ than 2

less    more

8 is one \_\_\_\_ than 7

less    more

5 is one \_\_\_\_ than 6

less    more

2 is one \_\_\_\_ than 3

less    more

9 is one \_\_\_\_ than 8

less    more

4 is one \_\_\_\_ than 3

less    more

0 is one \_\_\_\_ than 1

less    more





Write the number that comes just after.

3		4		8	
7		9		0	
5		6		1	



Write the number that comes just before.

	3		4		8
	7		9		2
	5		6		1



**Join.**

5 comes just after \_\_\_\_

6

9 comes just before

4

7 comes just after \_\_\_\_

10

4 comes just before

1

2 comes just after

8

7 comes just before \_\_\_\_

5



**Choose the correct answer.**

• 9 comes just after \_\_\_\_

( 10 or 8 or 7 )

• 3 comes just before \_\_\_\_

( 4 or 2 or 1 )

• 1 comes just before

( 0 or 2 or 3 )

• \_\_\_\_ comes just after 5

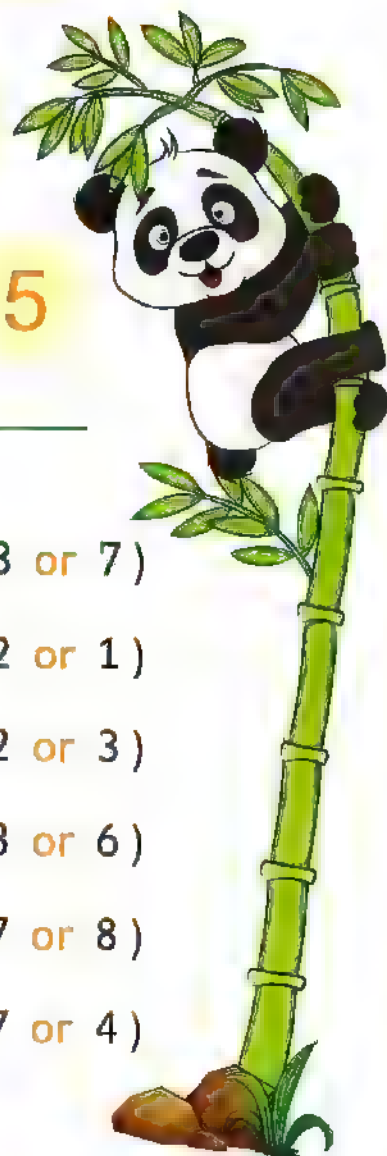
( 4 or 3 or 6 )

• \_\_\_\_ comes just before 9

( 10 or 7 or 8 )

• \_\_\_\_ comes just after 6

( 5 or 7 or 4 )





### Complete.

- 5 comes just before \_\_\_\_\_
- 3 comes just after \_\_\_\_\_
- 6 comes just before \_\_\_\_\_
- \_\_\_\_\_ comes just after 8
- 10 comes just after \_\_\_\_\_
- 8 comes just before \_\_\_\_\_
- 4 comes just after \_\_\_\_\_
- \_\_\_\_\_ comes just before 3



### Choose after or before.

6 comes just \_\_\_\_\_ 5

before      after

9 comes just \_\_\_\_\_ 10

before      after

7 comes just \_\_\_\_\_ 8

after      before

2 comes just \_\_\_\_\_ 1

after      before

7 comes just \_\_\_\_\_ 6

before      after

3 comes just \_\_\_\_\_ 4

after      before

1 comes just \_\_\_\_\_ 0

after      before

4 comes just \_\_\_\_\_ 5

before      after



Write the missing numbers.

1 2  4

4 5   8

6 7 8

2 3  5

1   4 5

7 8

3  5





Color the picture.

1



2



3



4



5



6



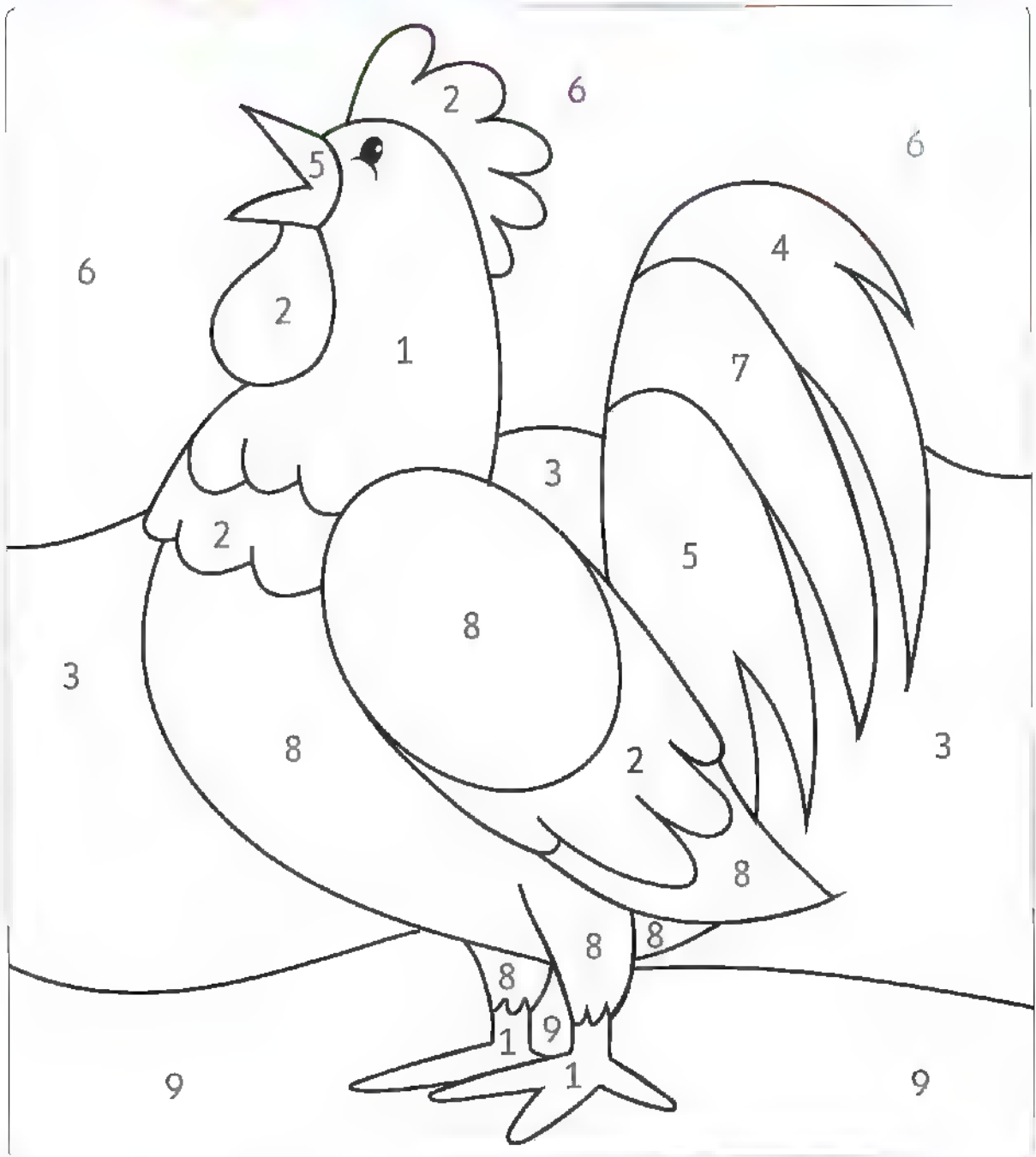
7



8



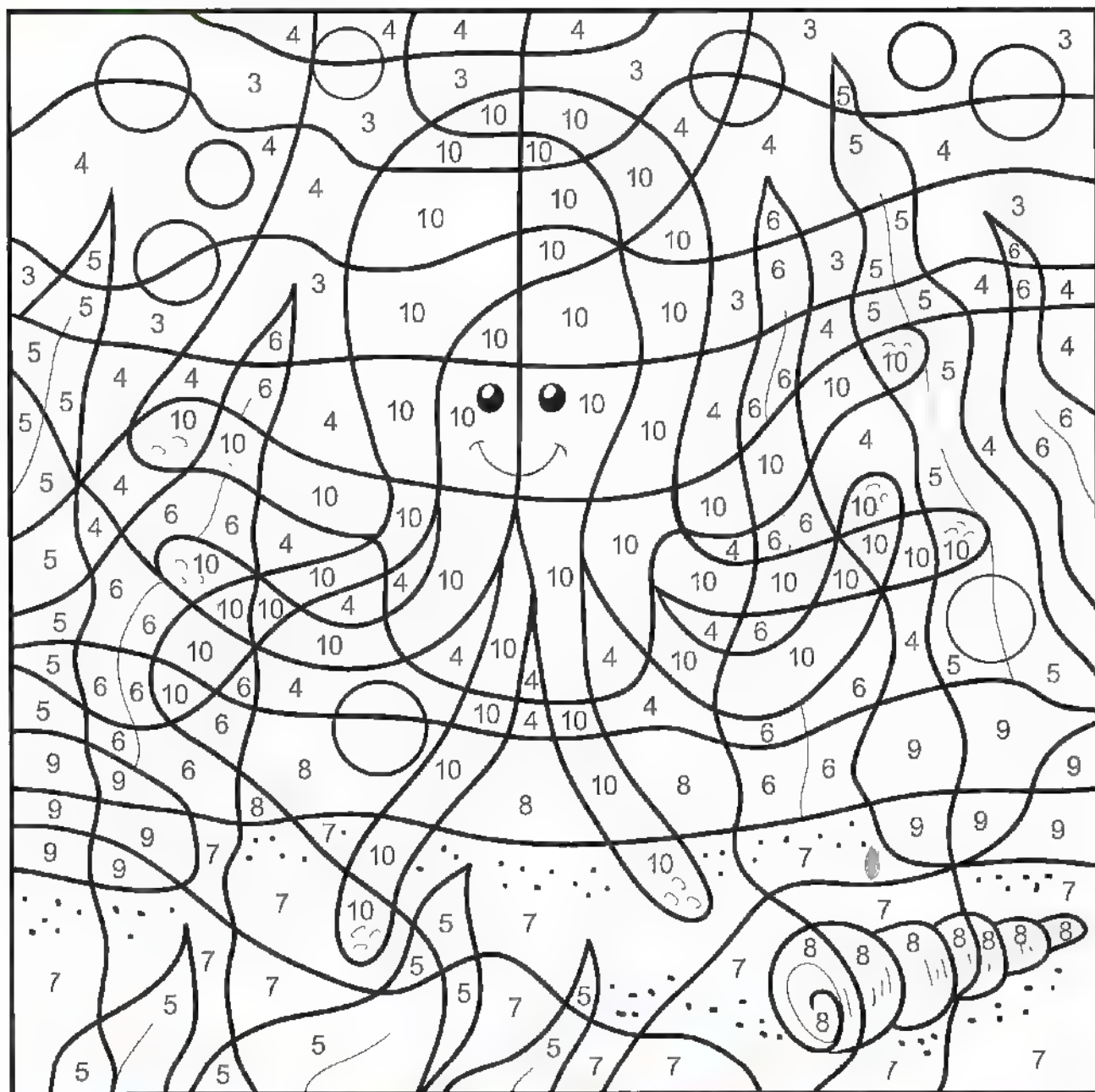
9







Color the picture according to the coloring key.



3

4

5

6

7

8

9

10

## CHAPTER

# 3

### • Outcomes of lessons

#### ► Lessons 19 & 20

- Participate in calendar math activities.
- Use the terms greater than, less than and equal to.
- Count, read and write 11, 12 and 13

#### ► Lessons 21 & 22

- Participate in calendar math activities.
- Count, read and write 14 and 15.

#### ► Lessons 23 & 24

- Participate in calendar math activities.
- Use the terms greater than, less than and equal to
- Count from 0 to 15.
- Compare numbers using the symbols  $>$ ,  $<$  and  $=$ .



- Numbers from 11 to 13
- Greater than / Less than / Equal to

# 11

## Eleven

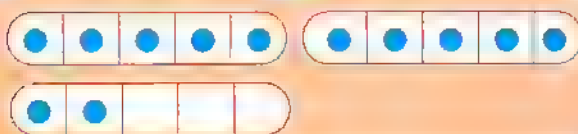


Trace and write.



# 12

## Twelve



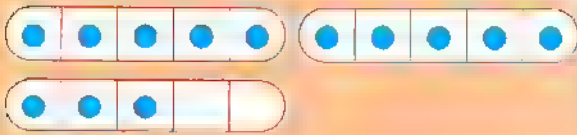
Trace and write.



### Notes for parents

- Help your child find from 1 through 13 objects at home to count and write the number that tells how many.

# 13 Thirteen



Trace and write.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



- Ask your child to trace and write the numbers 11, 12 and 13.
- Ask your child to use clay to show you 11, 12 and 13.



## Greater than / Less than / Equal to

Which number is greater ?



5 is greater than 3

Greater means more.



More examples :

• 7 is greater than 5

• 13 is greater than 10

Which number is less ?



8 is less than 9

Less means fewer.

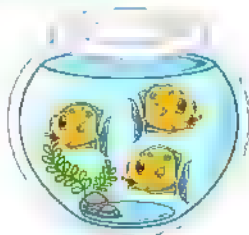


More examples :

• 5 is less than 6

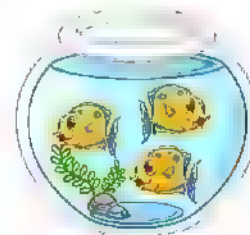
• 11 is less than 13

Equal to



3 is equal to 3

Equal to means the same number.



More examples :

• 6 is equal to 6

• 11 is equal to 11

- Ask your child to make two cube towers and decide which tower has more cubes, and which tower has less cubes.
- Let your child use small objects to set two groups that have the same number of objects.



# Exercise

## 7

On Lessons 19 & 20

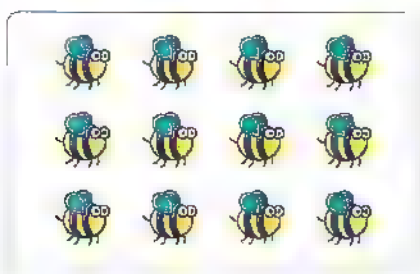
- Numbers from 11 to 13
- Greater than / Less than / Equal to

### Numbers from 11 to 13

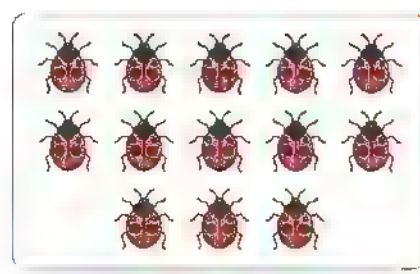


Count each group.

Draw a line from the group to the correct number.



5



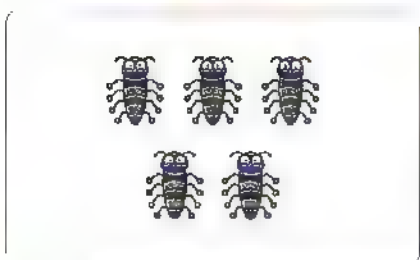
12



11



13



4



9



Join.

Ten

Nine

Twelve

Thirteen

Eleven

12

13

9

11

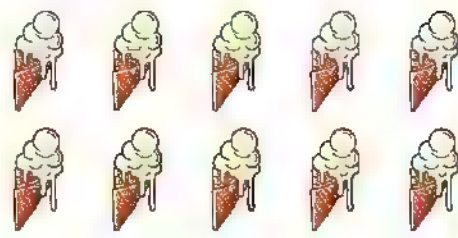
10



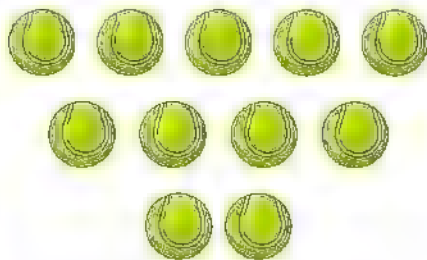
Count. Circle the correct number.



10      11      13



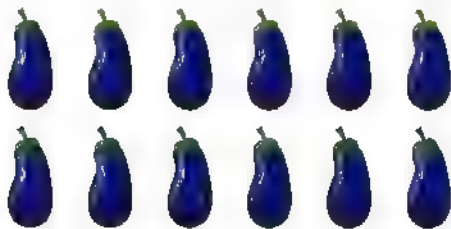
8      10      12



10      11      12



3      4      5



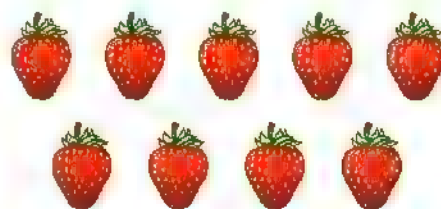
12      11      9



10      9      8



6      8      10



11      9      7



Join.

2



Eleven

6



Five

3



Three

9



One

12



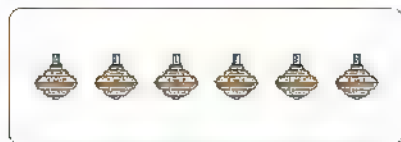
Eight

11



Ten

8



Two

5



Six

10



Nine

13



Thirteen

1



Twelve



Count. Write how many there are of each.



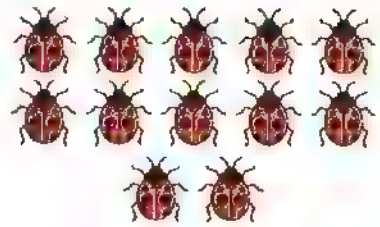
\_\_\_\_\_

\_\_\_\_\_



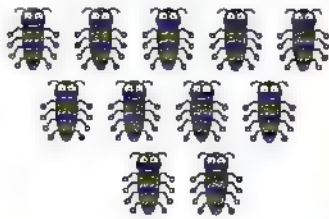
\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



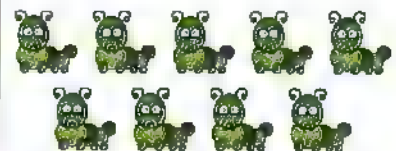
\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

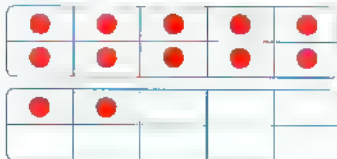


\_\_\_\_\_

\_\_\_\_\_

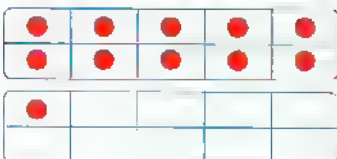


Count the dots. Write the number of dots.



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



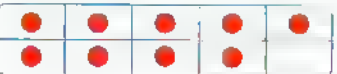
\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



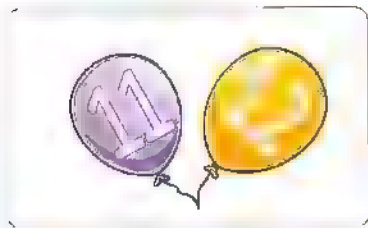
\_\_\_\_\_

\_\_\_\_\_

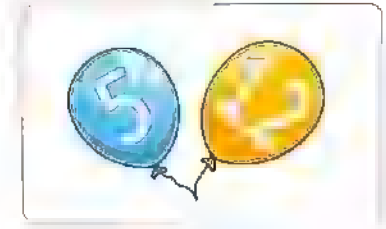
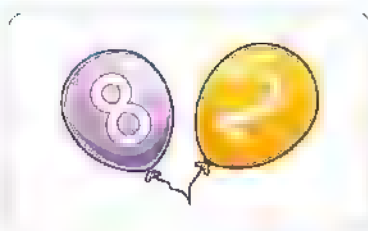
**Greater than / Less than / Equal to**



**Circle the number that is greater in each box.**








**Circle the number that is less in each box.**















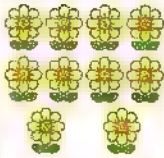
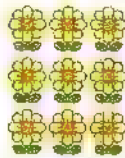
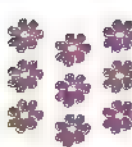
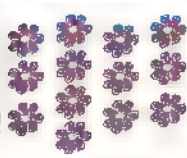
Write how many there are in each group.  
Circle the greater number.

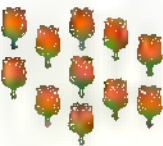
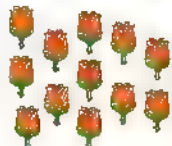

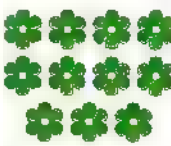


 _____	 _____	 _____	 _____	 _____	 _____
--	--	--	--	--	--

 _____	 _____	 _____	 _____	 _____	 _____
--	--	--	--	--	--



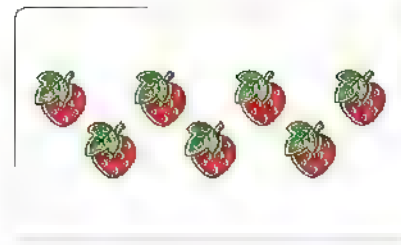
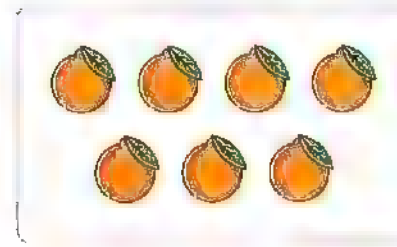
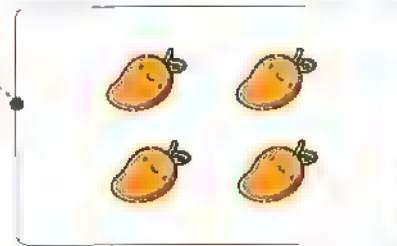
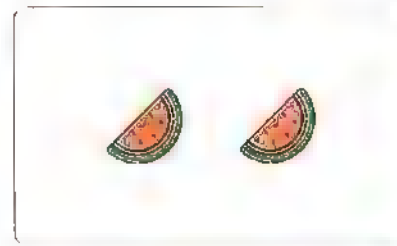
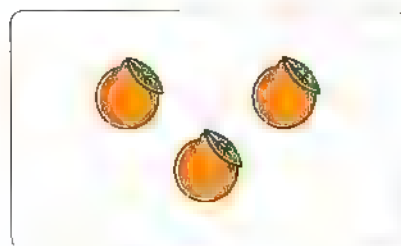
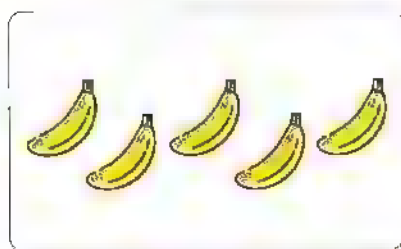
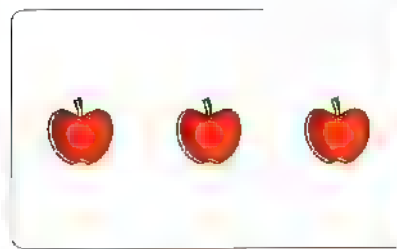
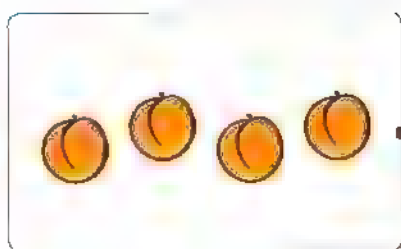
Write how many there are in each group.  
Circle the number that is less.

 _____	 _____	 _____	 _____	 _____	 _____
--	--	--	--	--	--

 _____	 _____	 _____	 _____	 _____	 _____
--	--	--	--	--	--

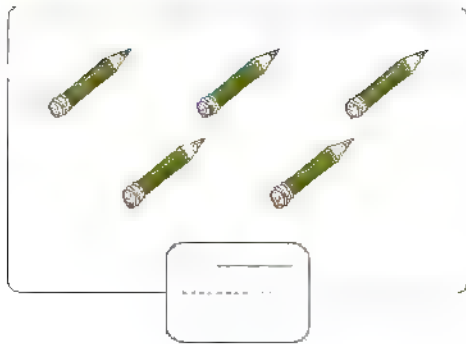


Match the groups that have the same number as the example.

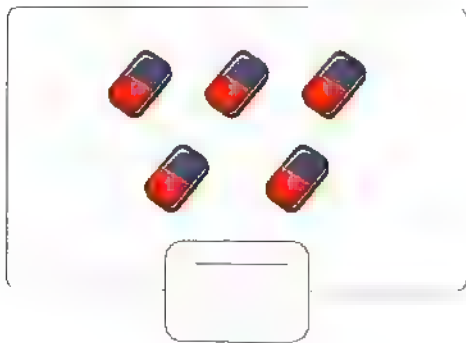
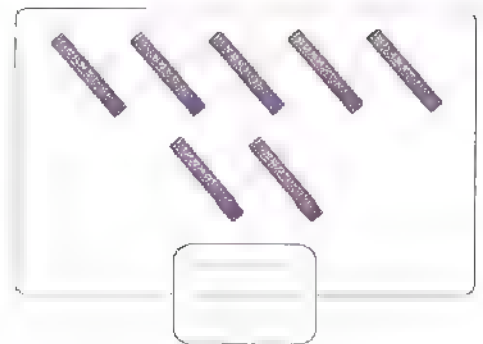




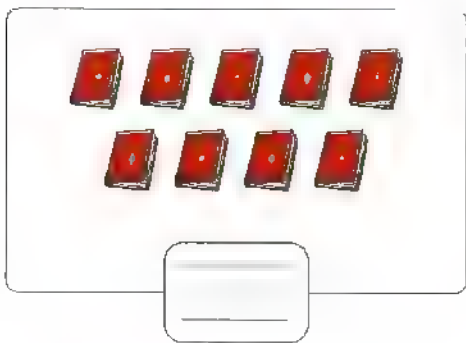
Count. Write the number. Choose the correct answer.



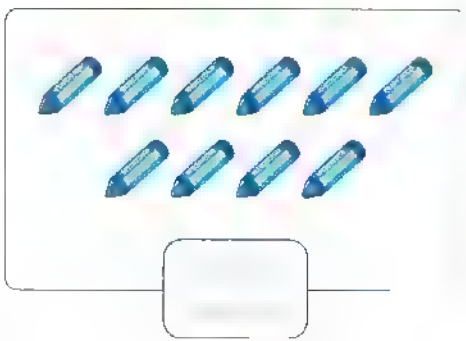
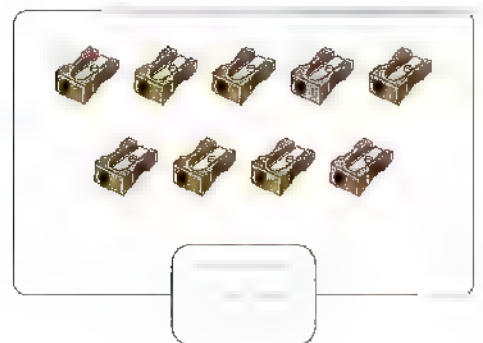
is greater than  
is less than  
is equal to



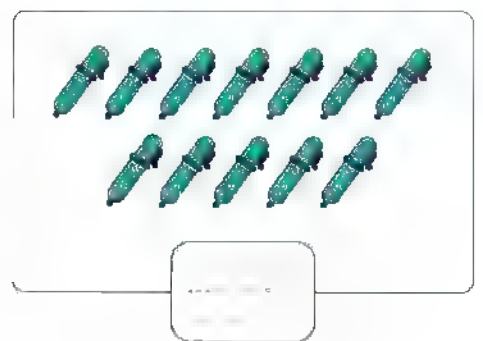
is greater than  
is less than  
is equal to



is greater than  
is less than  
is equal to



is greater than  
is less than  
is equal to





Choose the correct answer.

- 7 is greater than \_\_\_\_\_ ( 8 or 5 or 9 )
- 11 is less than \_\_\_\_\_ ( 10 or 9 or 12 )
- 4 is greater than \_\_\_\_\_ ( 5 or 3 or 4 )
- 10 is less than \_\_\_\_\_ ( 13 or 5 or 9 )
- \_\_\_\_\_ is greater than 9 ( 6 or 11 or 7 )
- \_\_\_\_\_ is less than 9 ( 4 or 12 or 13 )



Write a suitable number.

6 is less than (      )

8 is greater than (      )

4 is less than (      )

13 is greater than (      )

2 is greater than (      )

12 is less than (      )

0 is less than (      )

7 is greater than (      )

11 is greater than (      )

3 is less than (      )



Put the numbers in their correct places.

3 6

is greater than

4 9

is less than

10 12

is greater than

8 10

is less than

9 5

is greater than

11 7

is less than

7 8

is greater than

13 3

is less than

4 13

is greater than

12 11

is less than

Place  
a smiley  
face



# 14

## Fourteen

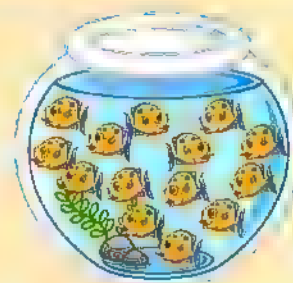


Trace and write.

14 14 14 14 14

\_\_\_\_\_

\_\_\_\_\_



# 15

## Fifteen

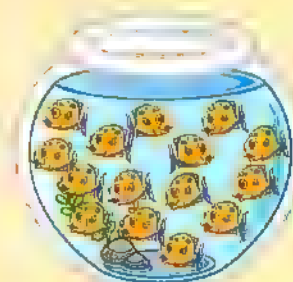


Trace and write.

15 15 15 15 15

\_\_\_\_\_

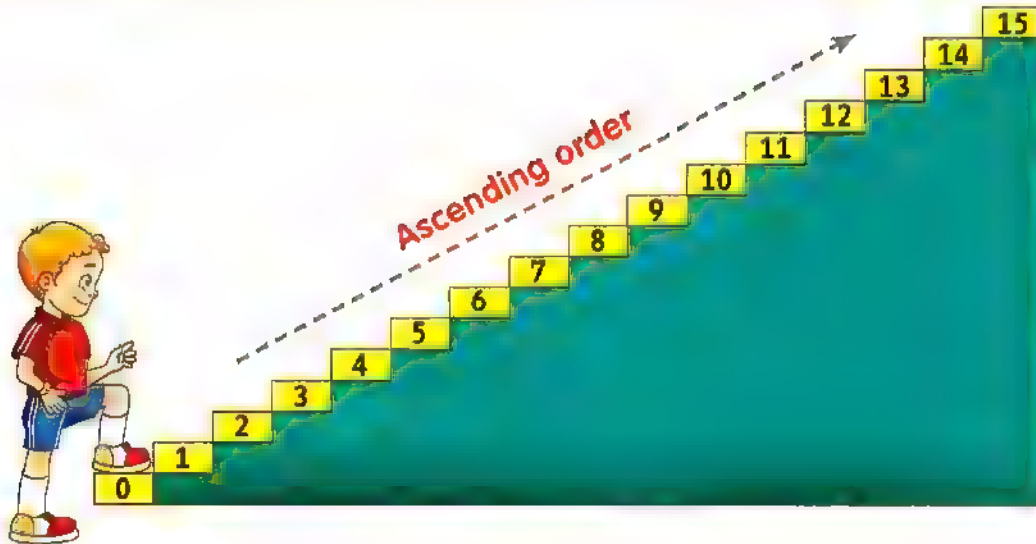
\_\_\_\_\_



## Ordering numbers

### The ascending order

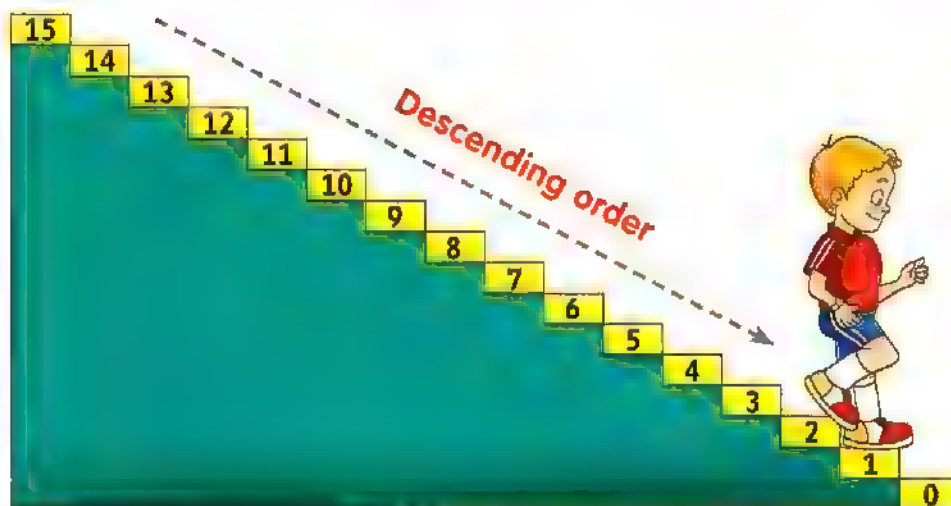
is arranging the numbers from least to greatest.



The numbers from 0 to 15 in an ascending order are  
0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

### The descending order

is arranging the numbers from greatest to least.



The numbers from 0 to 15 in a descending order are  
15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0

- Ask your child to count and write numbers from 0 to 15 in order.

# Exercise

## 8

On Lessons 21 & 22

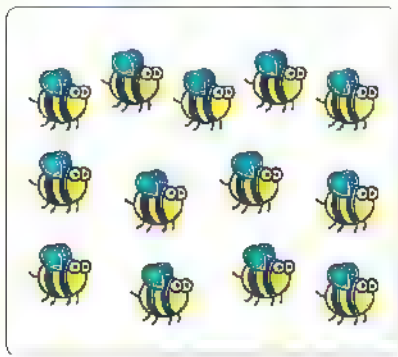
- Numbers 14 & 15
- Ordering numbers up to 15

### Numbers 14 & 15



Count each group.

Draw a line from the group to the correct number.



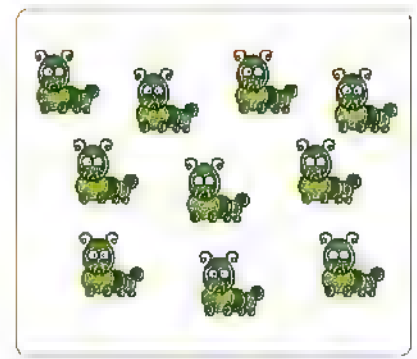
10



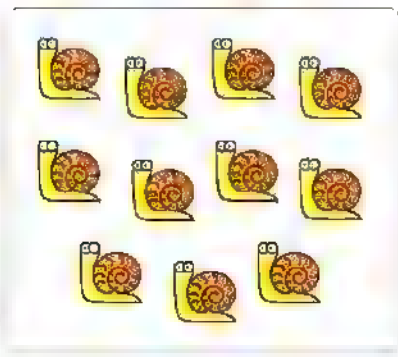
11



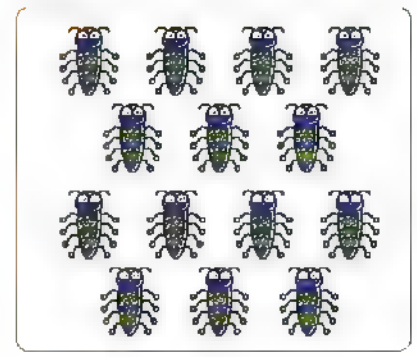
12



13



14



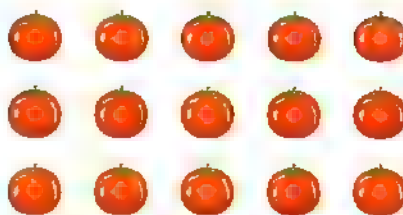
15



Count. Circle the correct number.



13    9    11



10    12    15



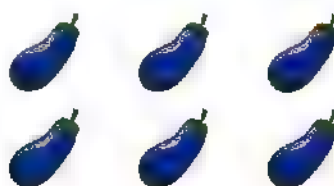
10    5    11



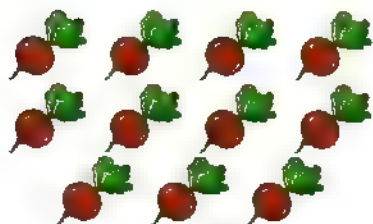
13    7    12



12    13    14



6    9    3



12    11    10



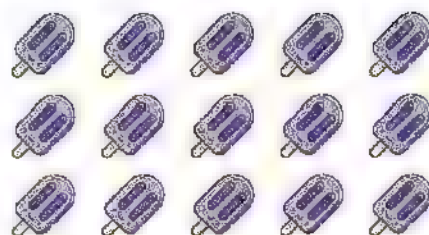
15    13    11



Choose.



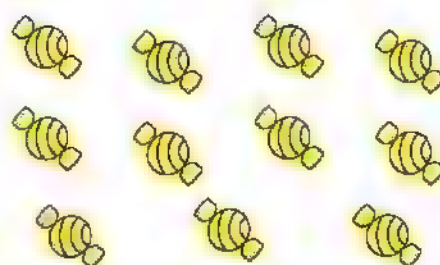
Four    Ten    Fourteen



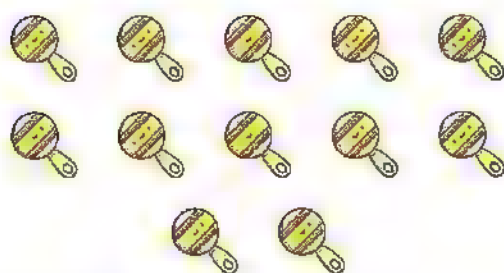
Thirteen    Fourteen    Fifteen



Nine    Ten    Fourteen



Eleven    Fourteen    Ten



Eleven    Twelve    Fourteen



Twelve    Fourteen    Fifteen



Seven    Ten    Eight



Eleven    Ten    Twelve





Join.

Fourteen

15

Seven

1

Four

7

One

12

Eleven

4

Five

8

Thirteen

9

Fifteen

3

Eight

5

Three

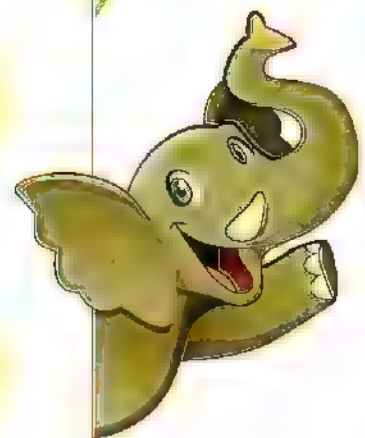
14

Twelve

11

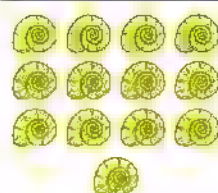
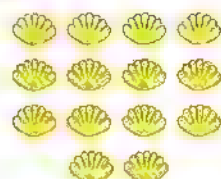
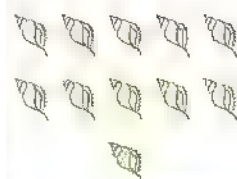
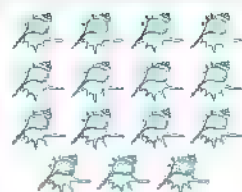
Nine

13

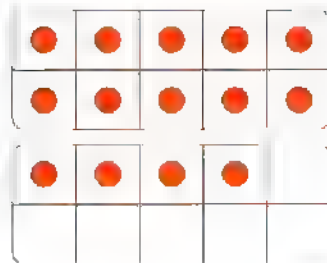
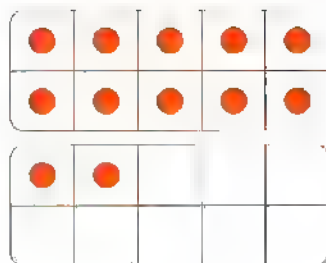
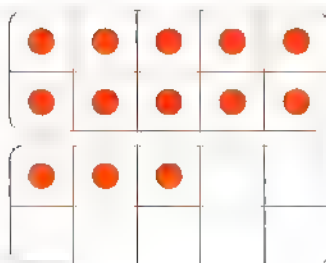
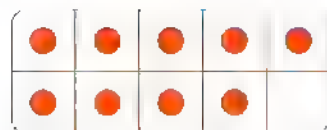
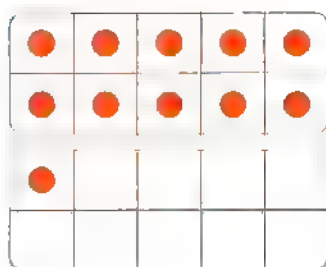
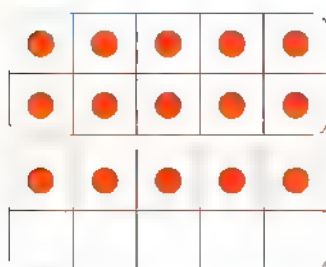





Count. Write how many there are of each.

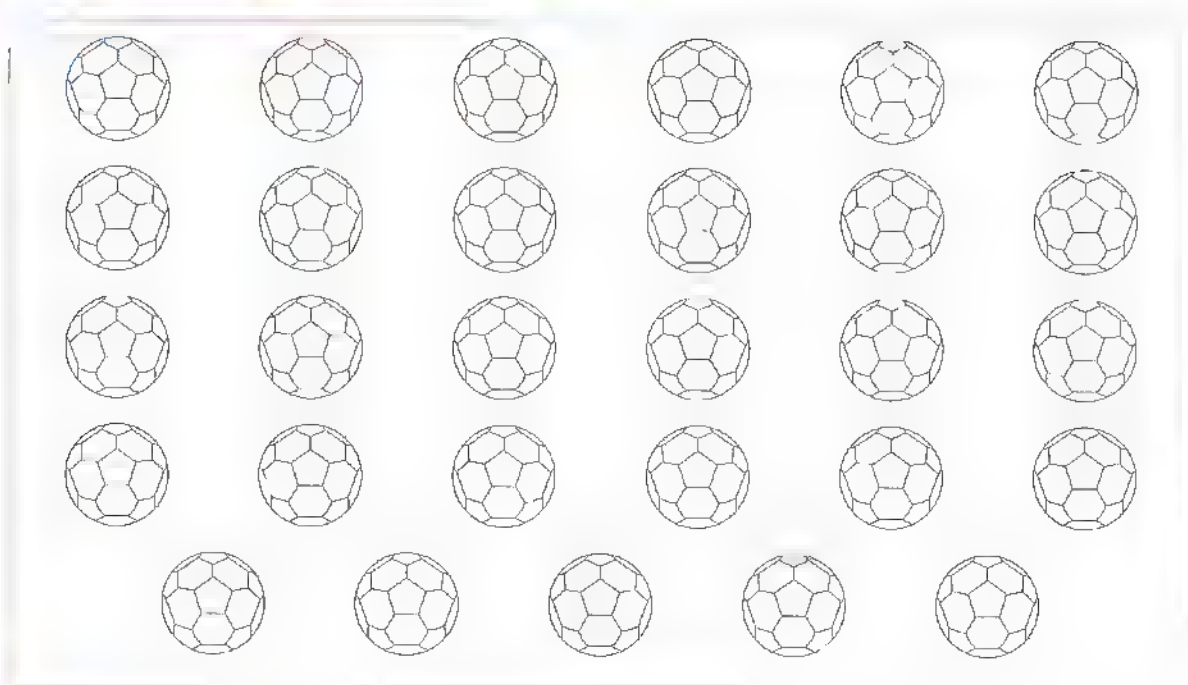



Count the dots. Write the number of dots.

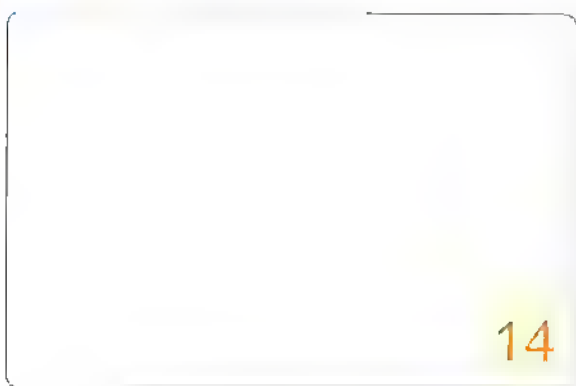




Color 15  red and 14  green.



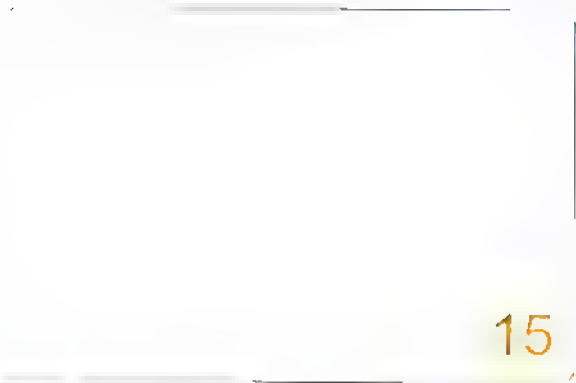
Draw  according to the given number.



14



13



15



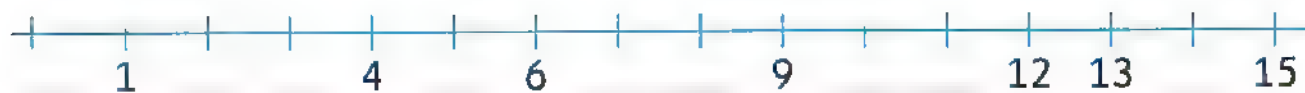
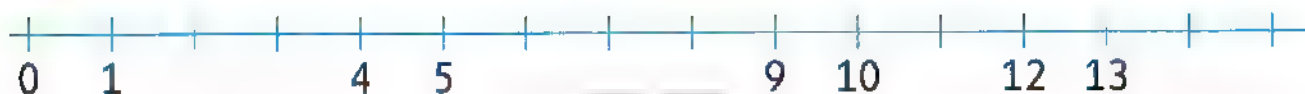
10



Write the missing numbers in each train.



Write the missing numbers on each number line.





**Arrange the numbers from the smallest to the greatest.**

7	5	12	9
smallest			greatest

8	13	6	4
smallest			greatest

15	3	10	2	1
smallest				greatest

12	11	0	14	9
smallest				greatest



**Order the numbers from the greatest to the smallest.**

2	7	13	8
greatest			smallest

1	9	12	15
greatest			smallest

5	14	10	4	11
greatest				smallest

12	0	15	6	3
greatest				smallest





Arrange in an ascending order.

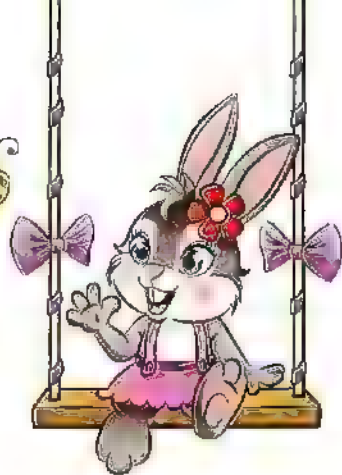
9 , 11 , 15 , 2

7 , 0 , 10 , 14

6 , 12 , 8 , 2 , 7

9 , 5 , 15 , 10 , 6

14 , 3 , 9 , 12 , 10



Arrange in a descending order.

13 , 3 , 11 , 6

1 , 14 , 8 , 9

15 , 9 , 10 , 12 , 2

5 , 0 , 13 , 10 , 14

7 , 5 , 11 , 9 , 15





### Complete.

- |  |  |
|--|--|
| <input type="radio"/> 12 comes just after        | <input type="radio"/> 14 comes just after        |
| <input type="radio"/> 13 comes just before _____ | <input type="radio"/> 14 comes just before _____ |
| <input type="radio"/> _____ comes just after 10  | <input type="radio"/> _____ comes just before 15 |
| <input type="radio"/> 12 is 1 less than _____    | <input type="radio"/> 14 is 1 less than _____    |
| <input type="radio"/> 10 is 1 more than _____    | <input type="radio"/> _____ is 1 less than 12    |
| <input type="radio"/> _____ is 1 more than 14    | <input type="radio"/> _____ is 1 more than 10    |



### Write (✓) to the correct statement and (X) to the incorrect statement.

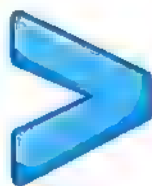
- |   |   |
|---|---|
| <input type="radio"/> 15 is greater than 11 (   ) | <input type="radio"/> 15 comes just before 14 (   ) |
| <input type="radio"/> 14 is smaller than 10 (   ) | <input type="radio"/> 13 comes just after 14 (   )  |
| <input type="radio"/> 10 is 1 less than 9 (   )   | <input type="radio"/> 10 comes just before 11 (   ) |
| <input type="radio"/> 12 is 1 more than 11 (   )  | <input type="radio"/> 11 is 1 less than 10 (   )    |



### Choose.

- ☐ Which of the following are arranged in an ascending order ?  
( 7,9,12   or   15,9,4   or   6,9,8 )
- ☐ Which of the following are arranged in a descending order ?  
( 10,7,12   or   12,5,0   or   6,3,4 )

Place  
a smiley  
face



Greater than



Less than



Equal to

Greater than :



7 is greater than 4

$$7 > 4$$

Less than :



6 is less than 7

$$6 < 7$$

Equal to :



5 is equal to 5

$$5 = 5$$

Hint for parents :

Tell your child that the bigger part of the symbol - it almost looks like a wide open mouth - is pointing toward the greater number.

# Exercise

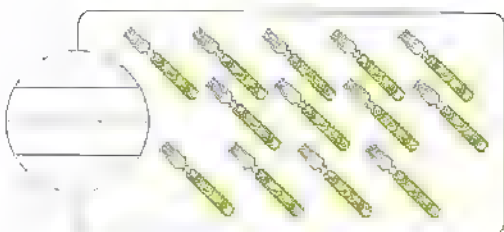
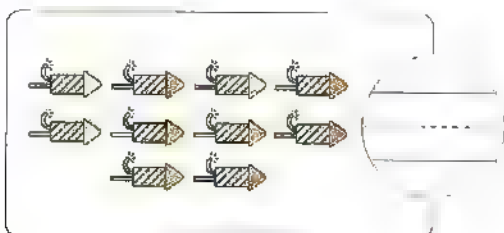
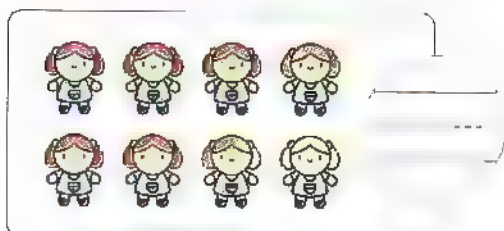
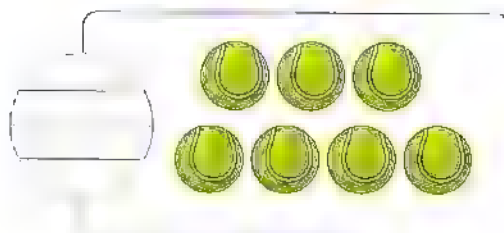
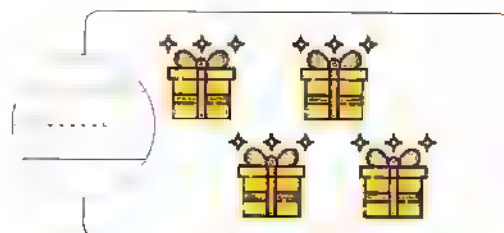
## 9

### Comparing numbers using $>$ , $<$ and $=$

On Lessons 23 & 24

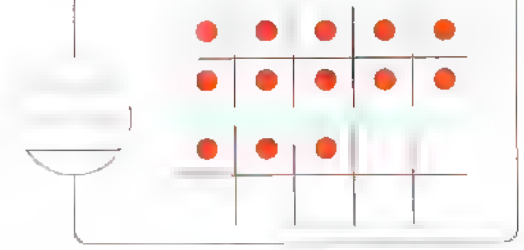
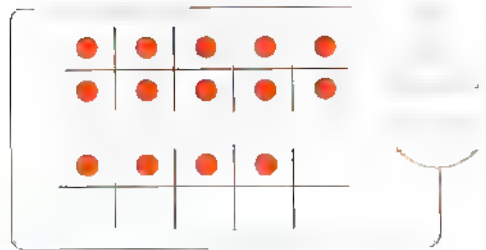
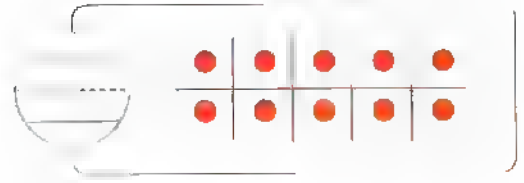
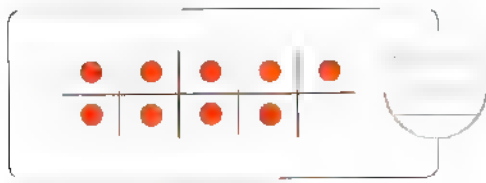
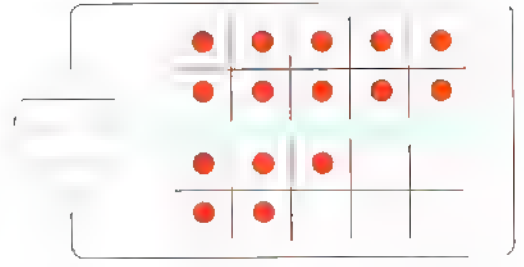
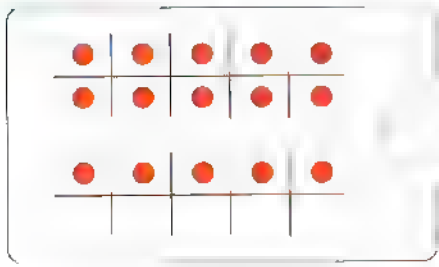


Write how many are in each group. Put the suitable symbol  $>$ ,  $<$  or  $=$ .

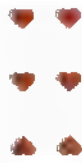




Write the number of dots. Complete with (  $>$  ,  $=$  or  $<$  ).



Write the number of items. Compare with (  $>$  ,  $=$  or  $<$  ).







Complete with ( > , < or = ).

$3 \text{ \_\_\_\_\_\_ } 5$

$11 \text{ \_\_\_\_\_\_ } 6$

$8 \text{ \_\_\_\_\_\_ } 0$

$10 \text{ \_\_\_\_\_\_ } 10$

$4 \text{ \_\_\_\_\_\_ } 7$

$11 \text{ \_\_\_\_\_\_ } 14$

$15 \text{ \_\_\_\_\_\_ } 13$

$8 \text{ \_\_\_\_\_\_ } 8$

$14 \text{ \_\_\_\_\_\_ } 12$

$10 \text{ \_\_\_\_\_\_ } 11$

$14 \text{ \_\_\_\_\_\_ } 4$

$5 \text{ \_\_\_\_\_\_ } 15$

$2 \text{ \_\_\_\_\_\_ } 12$

$10 \text{ \_\_\_\_\_\_ } 9$

$7 \text{ \_\_\_\_\_\_ } 8$



Complete with ( > , < or = ).

$\text{ten \_\_\_\_\_\_ nine}$

$\text{seven \_\_\_\_\_\_ eleven}$

$\text{fourteen \_\_\_\_\_\_ fifteen}$

$\text{eight \_\_\_\_\_\_ four}$

$7 \text{ \_\_\_\_\_\_ eight}$

$\text{zero \_\_\_\_\_\_ 10}$

$\text{twelve \_\_\_\_\_\_ 12}$

$\text{six \_\_\_\_\_\_ five}$

$\text{ten \_\_\_\_\_\_ seven}$

$\text{three \_\_\_\_\_\_ 11}$

$\text{fourteen \_\_\_\_\_\_ 13}$

$\text{thirteen \_\_\_\_\_\_ 14}$



Choose the correct answer.

$5 < \square$

7      4      3

$13 > \square$

10      14      15

$8 > \square$

9      2      11

$7 = \square$

7      6      8

$\square > 3$

0      5      1

$\square < 1$

3      6      0

$4 > \square$

5      10      3

$\square > 9$

8      12      7

$14 < \square$

9      15      10

$\square = 10$

8      9      10

$\square < 12$

11      13      14

$9 > \square$

7      11      13

$\square > 8$

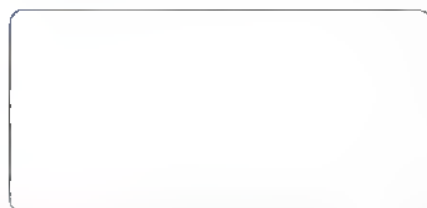
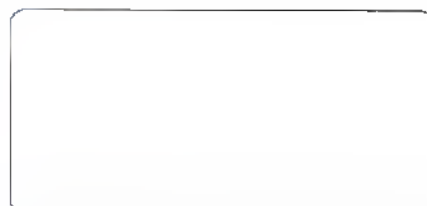
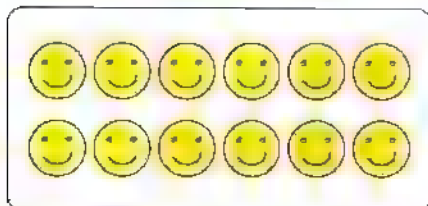
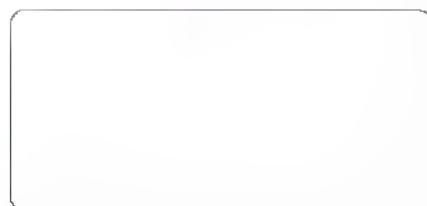
6      8      12

$\square > 13$

12      10      15



Draw a suitable number of items as in the example.



Complete with a suitable number.

$\_\_\_\_\_\_ < 10$

$15 > \_\_\_\_\_\_$

$13 < \_\_\_\_\_\_$

$\_\_\_\_\_\_ > 11$

$\_\_\_\_\_\_ = 14$

$12 > \_\_\_\_\_\_$

$9 < \_\_\_\_\_\_$

$\_\_\_\_\_\_ > 0$

$\_\_\_\_\_\_ < 7$

$\_\_\_\_\_\_ = 13$

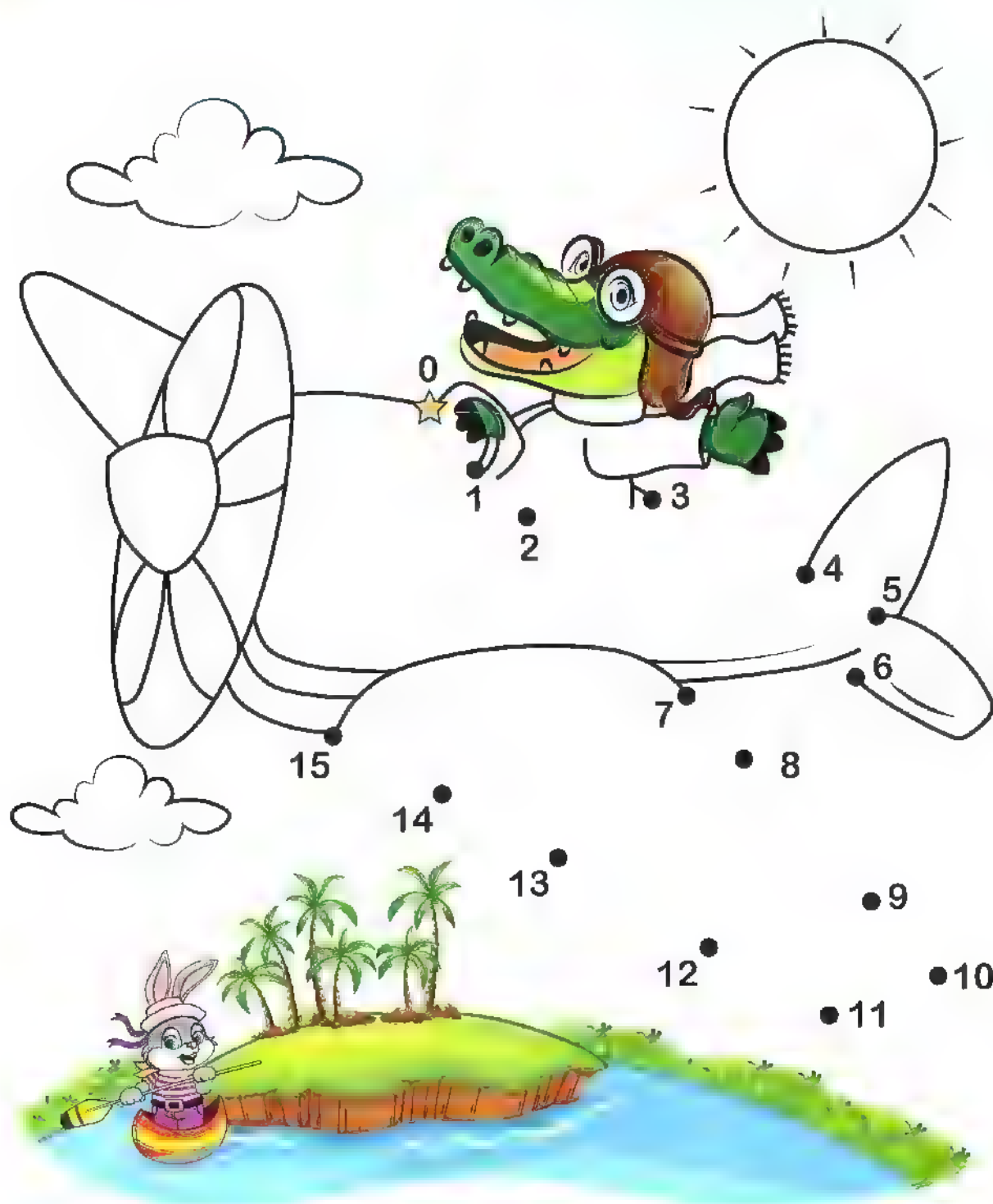
$6 < \_\_\_\_\_\_$

$11 > \_\_\_\_\_\_$

Place  
a smiley  
face



Connect the dots from 0 to 15. Color the picture.





Color the spaces.

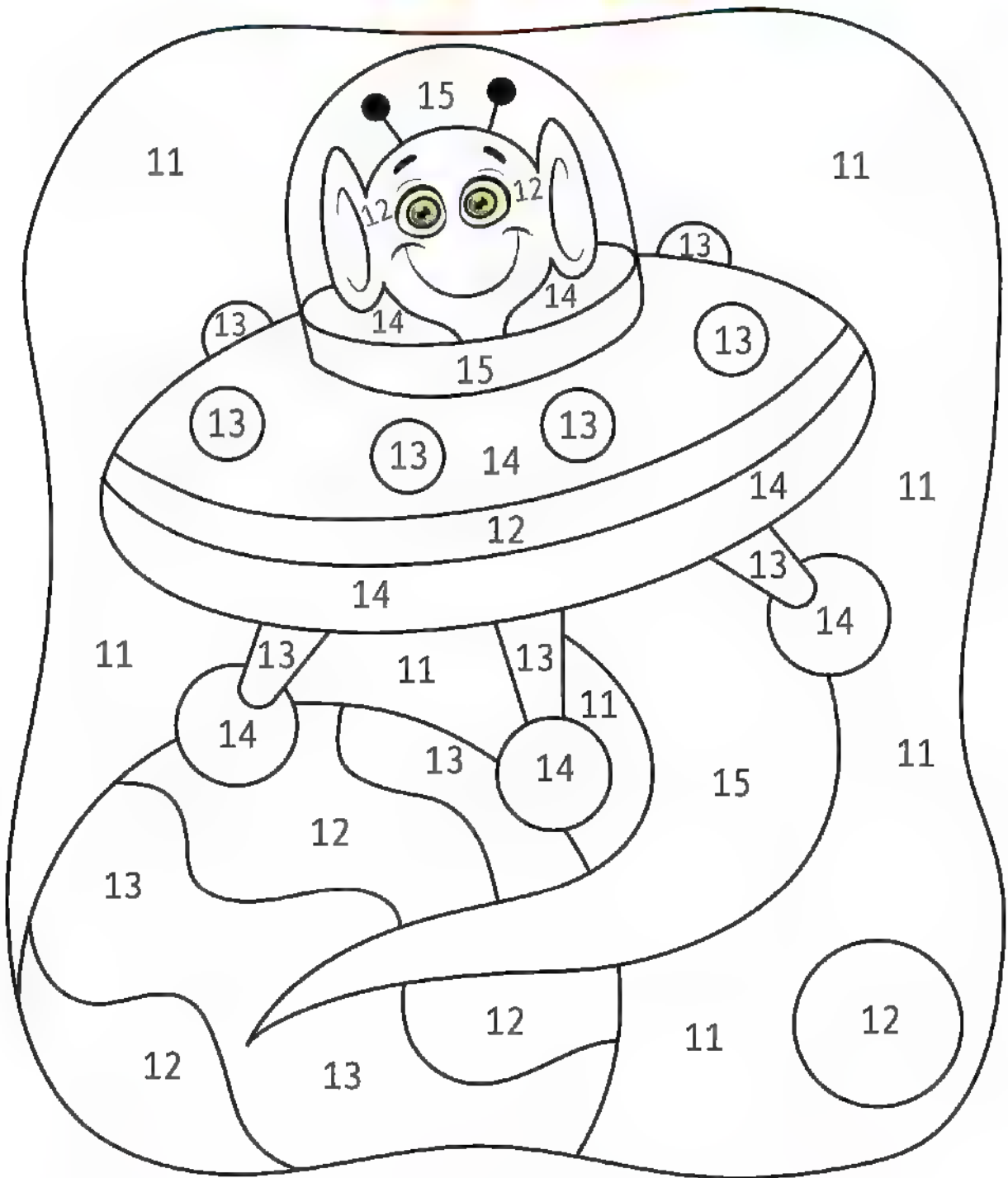
11 Purple

12 Green

13 Orange

14 Red

15 Yellow





## CHAPTER

# 4

### • Outcomes of lessons

#### ► Lessons 25 & 26

- Participate in calendar math activities.
- Identify the days of the week that are today, tomorrow and yesterday.
- Count, read and write 16 and 17.
- Use objects to count numbers and find 10 more.

#### ► Lesson 27

- Participate in calendar math activities.
- Identify the days of the week that are today, tomorrow and yesterday.
- Organize data into a picture graph.
- Answer questions about data in a picture graph.

#### ► Lessons 28 & 29

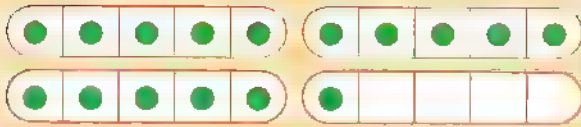
- Participate in calendar math activities.
- Count, read and write 18, 19 and 20.
- Create visual representations of 18, 19 and 20.

#### ► Lesson 30

- Participate in calendar math activities.
- Represent data using bar graph.
- Answer questions about data in a bar graph.



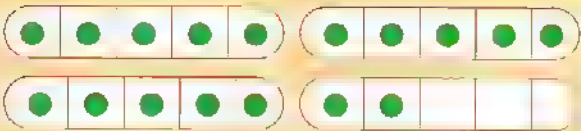
16 Sixteen



Trace and write.

Tracing practice lines for the number 16.

17 Seventeen



Trace and write.

Tracing practice lines for the number 17.

Notes for parents

- Ask your child to make a train of 16 paper clips, and make another train of 17 paper clips.

# Exercise

## 10

### Numbers 16 & 17

On Lessons 25 & 26



Circle the number that shows how many.



15      16      17



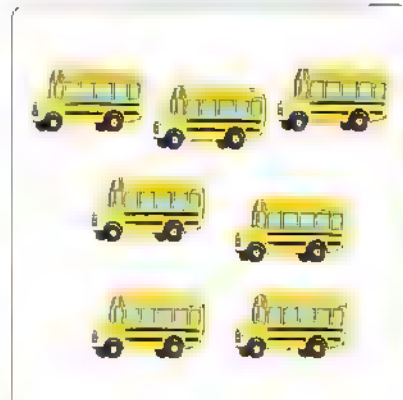
17      16      15



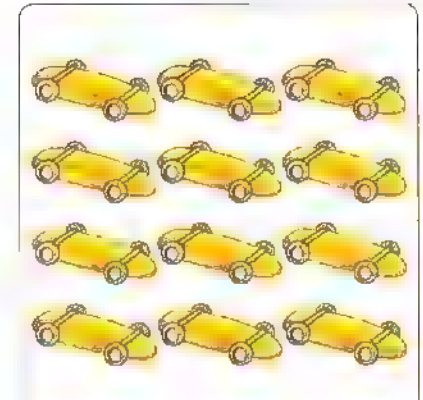
12      14      16



13      17      16



17      7      5



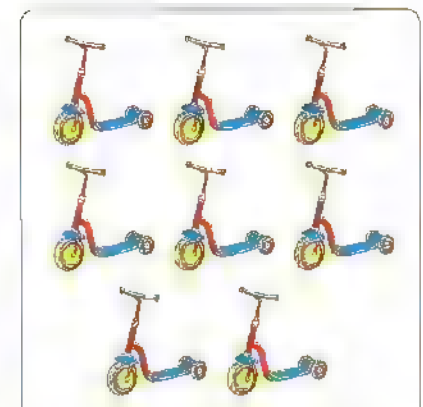
10      11      12



17      16      15



13      17      16



8      9      10



Join.

Seven



16

Seventeen



15

Fourteen



12

Sixteen



11

Eleven



17

Fifteen



7

Twelve

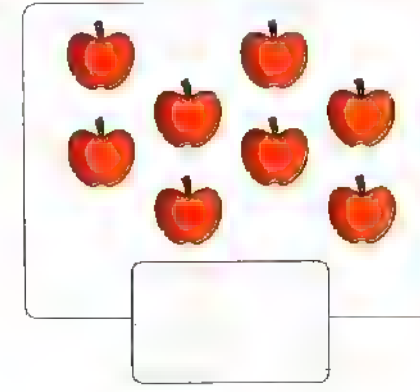
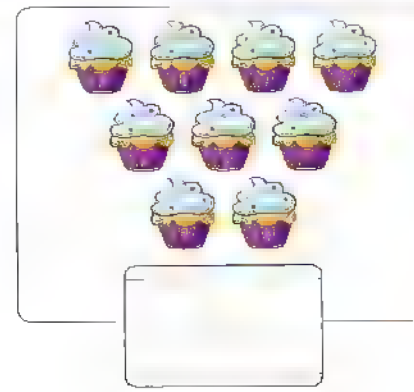
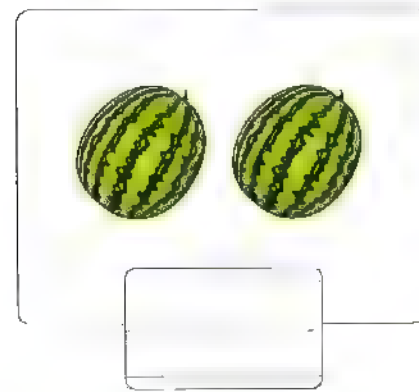
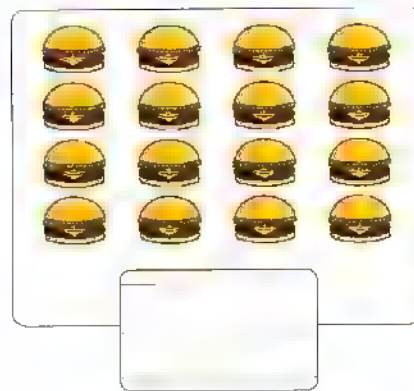
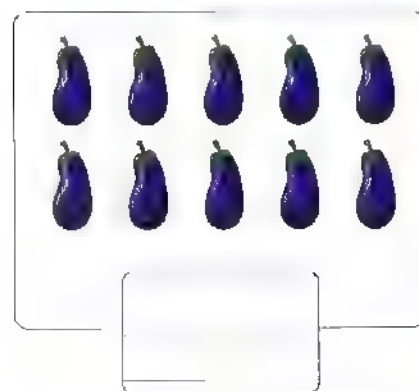
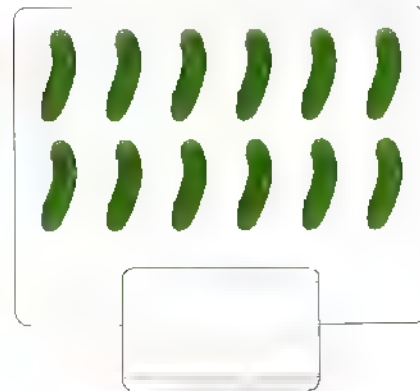
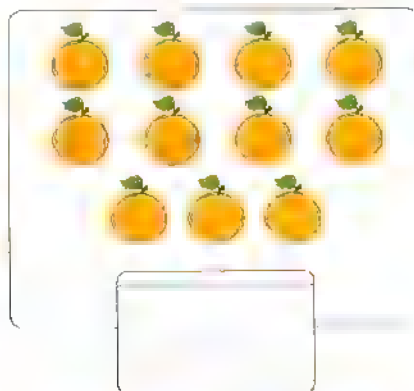
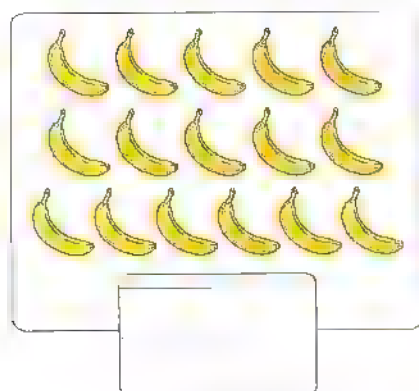
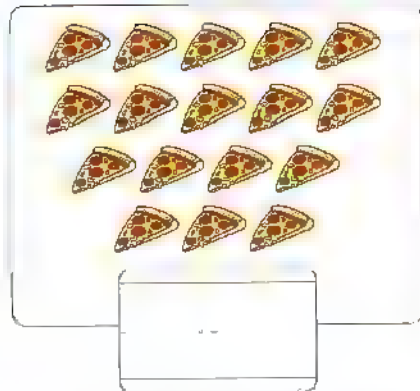
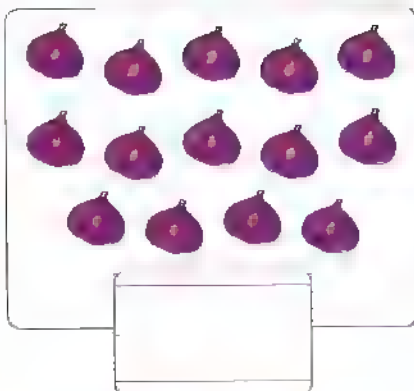
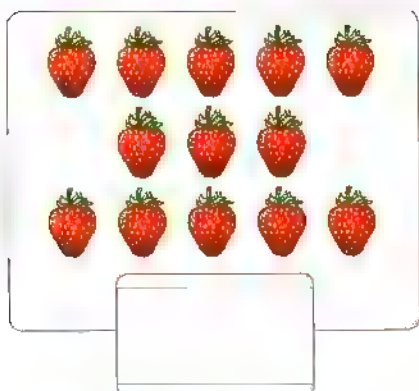


14





Count. Write the number.







Write the number.

●	●	●	●	●
●	●	●	●	●
●	●	●		

●	●	●	●	●
●	●	●	●	●
●	●	●	●	●

●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●	●			

●	●	●	●	●
●	●	●	●	●
●	●	●	●	●
●				

●	●	●	●	●
●	●			

●	●	●	●	●
●	●	●	●	

●	●	●	●	●
●	●	●	●	●
●	●	●	●	

●	●	●	●	●
●	●	●	●	●
●				

●	●	●	●	●
●	●	●	●	●

●	●	●	●	●
●	●	●	●	●
●	●			



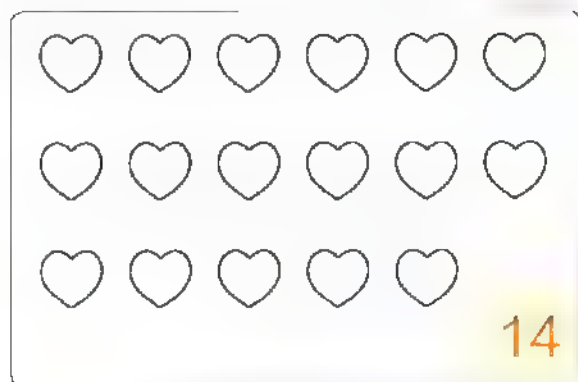
Color ♥ according to the given number.



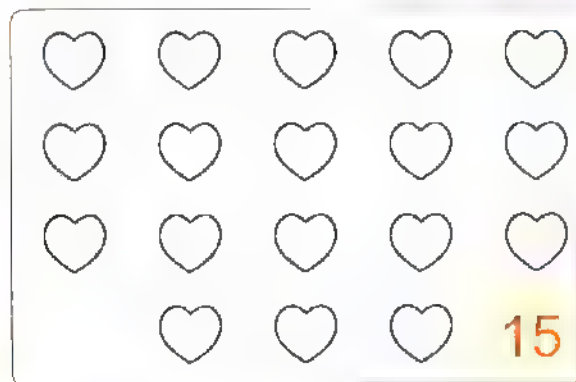
16



17



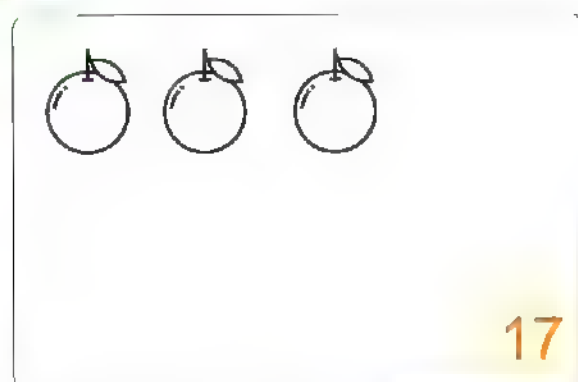
14



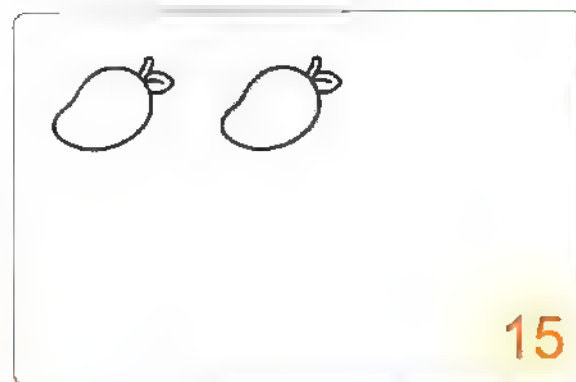
15



Complete drawing to get the given number.



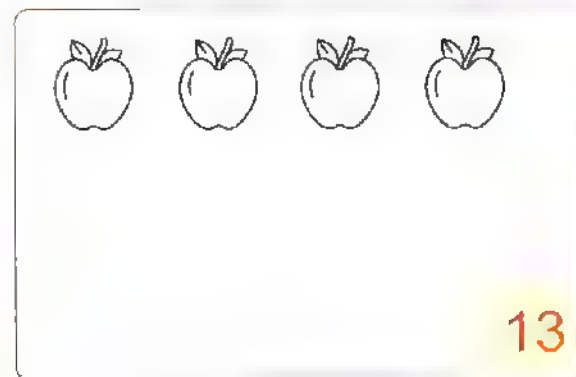
17



15



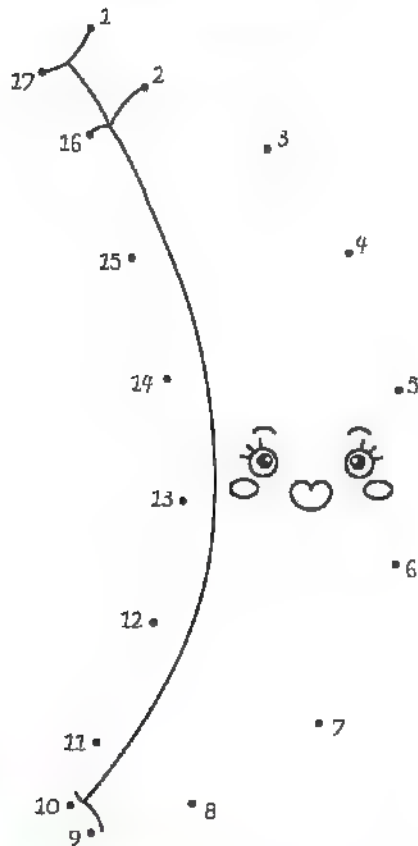
16



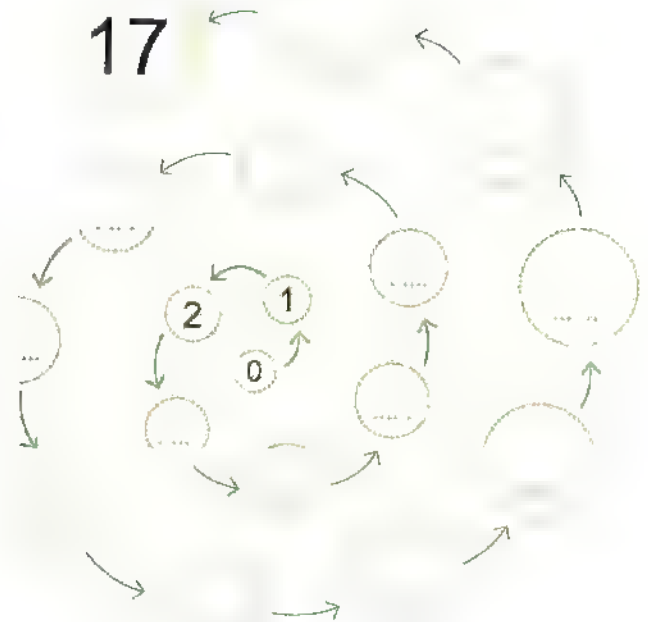
13



Connect the dots from 1 to 17 to make a banana and then color it.

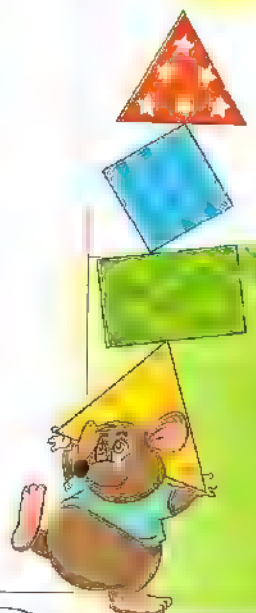


Complete.



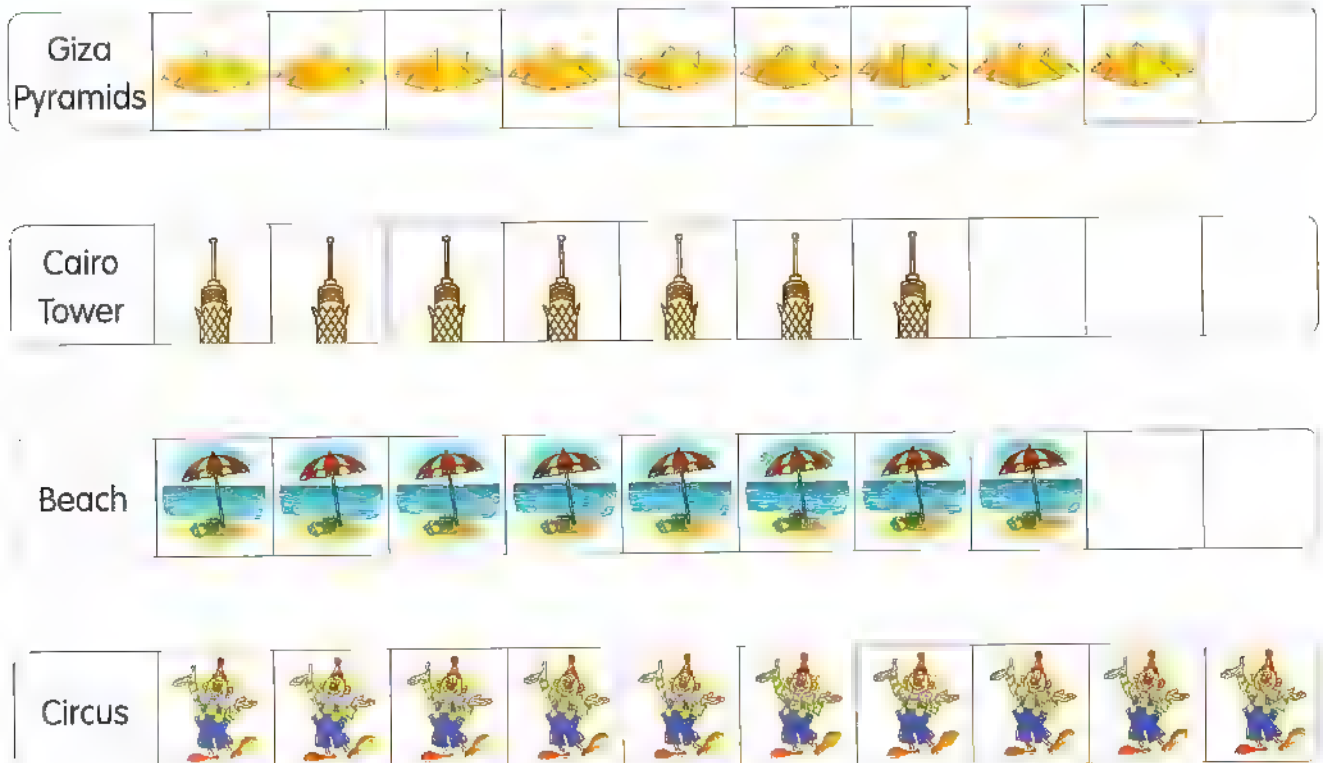
Choose.

- |   |                    |
|---|--------------------|
| <input type="radio"/> 16 < _____                    | ( 15 or 16 or 17 ) |
| <input type="radio"/> Seventeen = _____             | ( 14 or 16 or 17 ) |
| <input type="radio"/> 15 > _____                    | ( 14 or 15 or 17 ) |
| <input type="radio"/> 16 is 1 more than _____       | ( 15 or 16 or 17 ) |
| <input type="radio"/> 15 is 1 less than _____       | ( 14 or 16 or 17 ) |
| <input type="radio"/> 16 comes just after _____     | ( 15 or 16 or 17 ) |
| <input type="radio"/> _____ comes just before 17    | ( 15 or 16 or 17 ) |
| <input type="radio"/> _____ comes just after 15     | ( 14 or 16 or 17 ) |
| <input type="radio"/> Twelve comes just after _____ | ( 11 or 12 or 13 ) |



Place  
a smiley  
face

Here is a picture graph for the most favourite places for a picnic votes.




From the picture graph :

• Number of votes for  = 9

• Number of votes for  = 7

• Number of votes for  = 8

• Number of votes for  = 10

• The place that has got the most votes is



• The place that has got the least votes is



- Make with your child a vote in the family about a place to go for a picnic using a picture graph.
- Ask your child to use picture graph to compare between pieces of information.

# Exercise

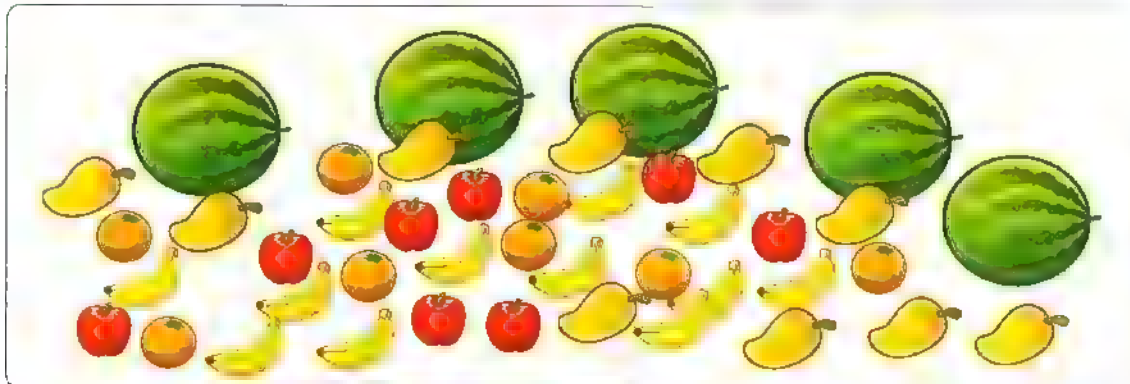
## 11

On Lesson 27

### Picture graph



Pick each piece of fruits and draw it in the suitable row.




Use the picture graph to complete.

• Number of =

• Number of =

• Number of =

• Number of =

• Number of =

Put ( > , < or = ).

• Number of

Number of

• Number of

Number of

• Number of

Number of

• Number of

Number of







Use the following picture to complete the picture graph.



Mark ✓ for the correct choice.

- What object has the most number ?














- What object has the least number ?























**Put ( > , < or = ).**











- Number of 
- Number of 
- Number of 
- Number of 

- Number of 
- Number of 
- Number of 
- Number of 

**Complete.**

- |   |   |
|---|---|
| • The number of  =   | • The number of  =   |
| • The number of  =  | • The number of  =  |
| • The number of  = | • The number of  = |

**Write (✓) to the correct statement and (X) to the incorrect statement.**

- The number of  is greater than number of  ( )
- The number of  is smaller than number of  ( )
- The number of  is greater than number of  ( )
- The number of  is equal to the number of  ( )
- The number of  is greater than number of  ( )



Use the following picture to complete the picture graph.




Put ( $>$ ,  $<$  or  $=$ ).

• Number of




Number of



• Number of




Number of



• Number of

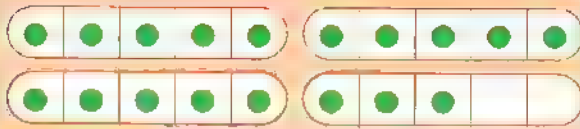



Number of



Place  
a smiley  
face

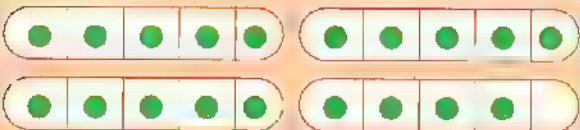
# 18 Eighteen



Trace and write.



# 19 Nineteen



Trace and write.

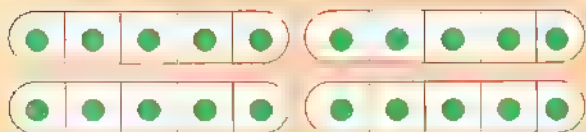


## Notes for parents

- Place a blank sheet of paper and help your child to use colored clay to form the numbers 18, 19 and 20

# 20

Twenty



Trace and write.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



- Give your child small objects and ask him/her to set them in group of 18, 19 and 20.



# Exercise

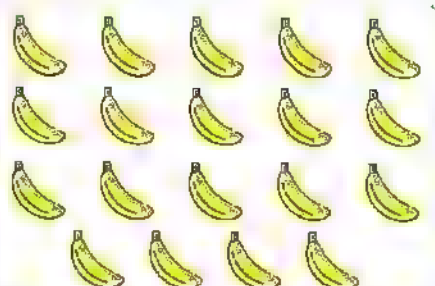
## 12

On Lessons 28 & 29

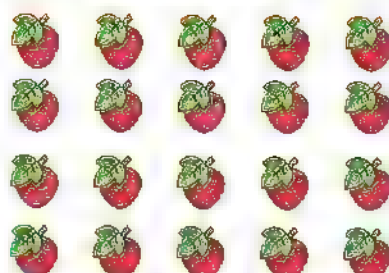
### Numbers 18 , 19 and 20



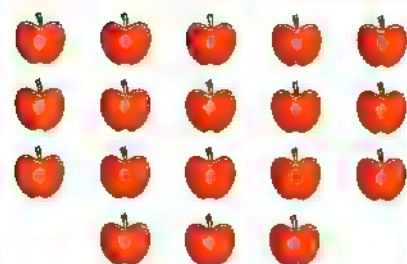
Match.



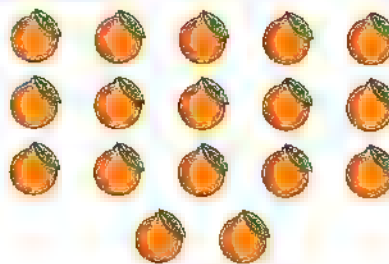
17



18



19



20



Plot dots in five frames to represent the number.

18


16


20

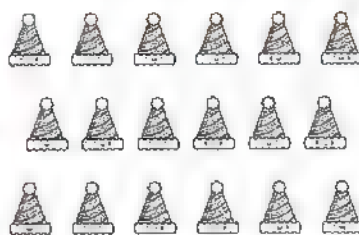
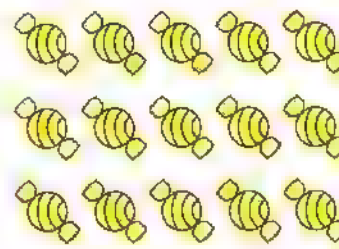

19


17


15




Count. Write the correct number.



Draw ● according to the number.

18

19

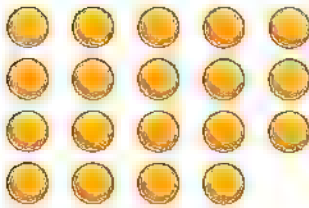
20



Write the number, then put a suitable symbol (  $>$  ,  $<$  or  $=$  ).  
The first one is done for you.



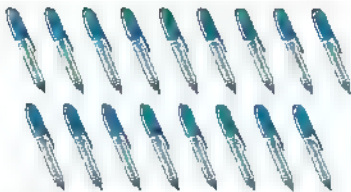
16  $<$  20



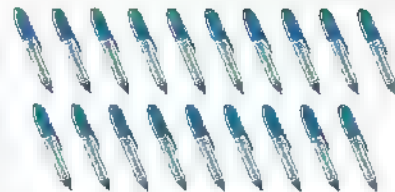
$<$



$<$



$=$



$=$



$=$





Write the number that comes just after.

14

19

16

12

13

9

17

7

18



Write the number that comes just before.

11

17

13

20

14

19

15

18

8



**Arrange in an ascending order.**

- 17 , 10 , 20 , 8

The order is : \_\_\_\_\_

- 9 , 3 , 19 , 11 , 6

The order is : \_\_\_\_\_



**Arrange in a descending order.**

- 14 , 8 , 18 , 15

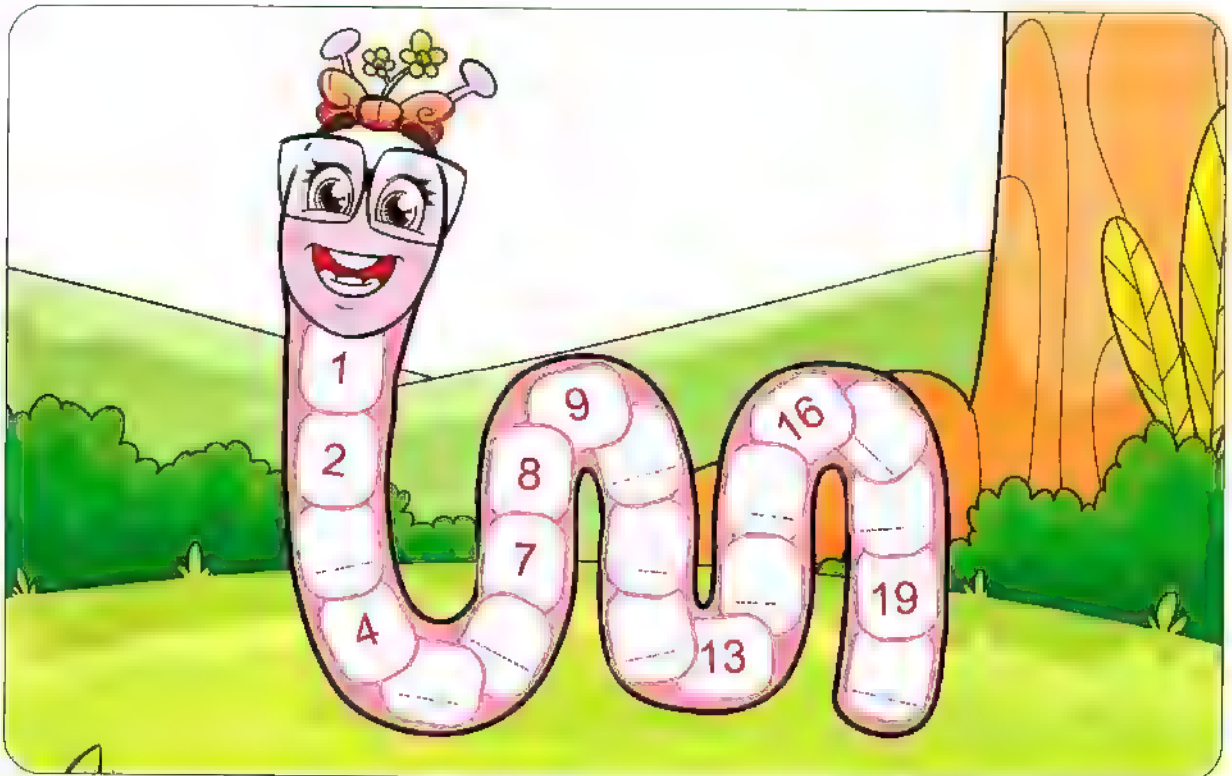
The order is : \_\_\_\_\_

- 13 , 4 , 9 , 20 , 2

The order is : \_\_\_\_\_



**Complete.**

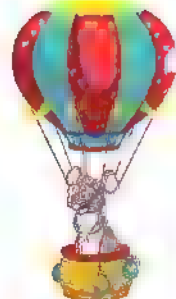






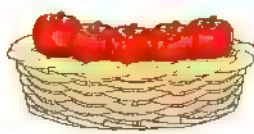
Choose the correct answer.

- ☐ 15      17      ( $>$  or  $=$  or  $<$ )
- ☐ 20      19      ( $>$  or  $=$  or  $<$ )
- ☐ 18 comes just after      (19 or 18 or 17)
- ☐ 14 comes just before      (13 or 15 or 16)
- ☐ 19 comes just before      (18 or 19 or 20)
- ☐ 9 comes just after      (10 or 8 or 11)
- ☐      comes just before 18      (19 or 17 or 10)
- ☐      comes just after 15      (16 or 17 or 18)
- ☐ 16  $>$       (18 or 17 or 13)
- ☐ 14  $<$       (20 or 11 or 9)
- ☐       $>$  15      (13 or 8 or 19)
- ☐       $<$  18      (19 or 16 or 20)
- ☐       $>$  19      (18 or 9 or 20)
- ☐ 15 is less than      (9 or 12 or 18)
- ☐ 11 is more than      (20 or 19 or 9)
- ☐      is less than 9      (8 or 12 or 13)
- ☐      is more than 12      (10 or 15 or 7)

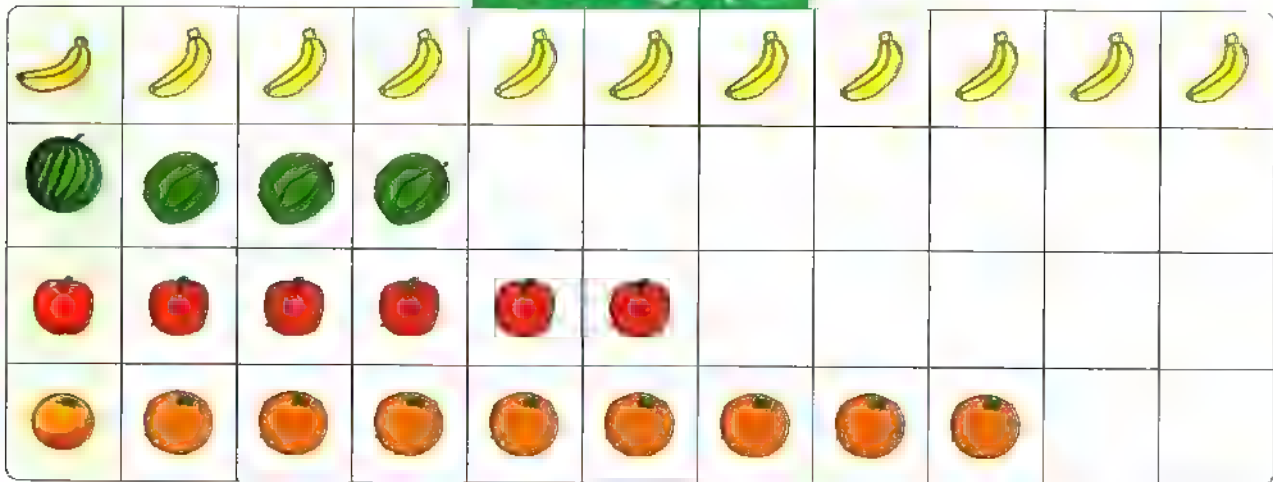


Place  
a smiley  
face

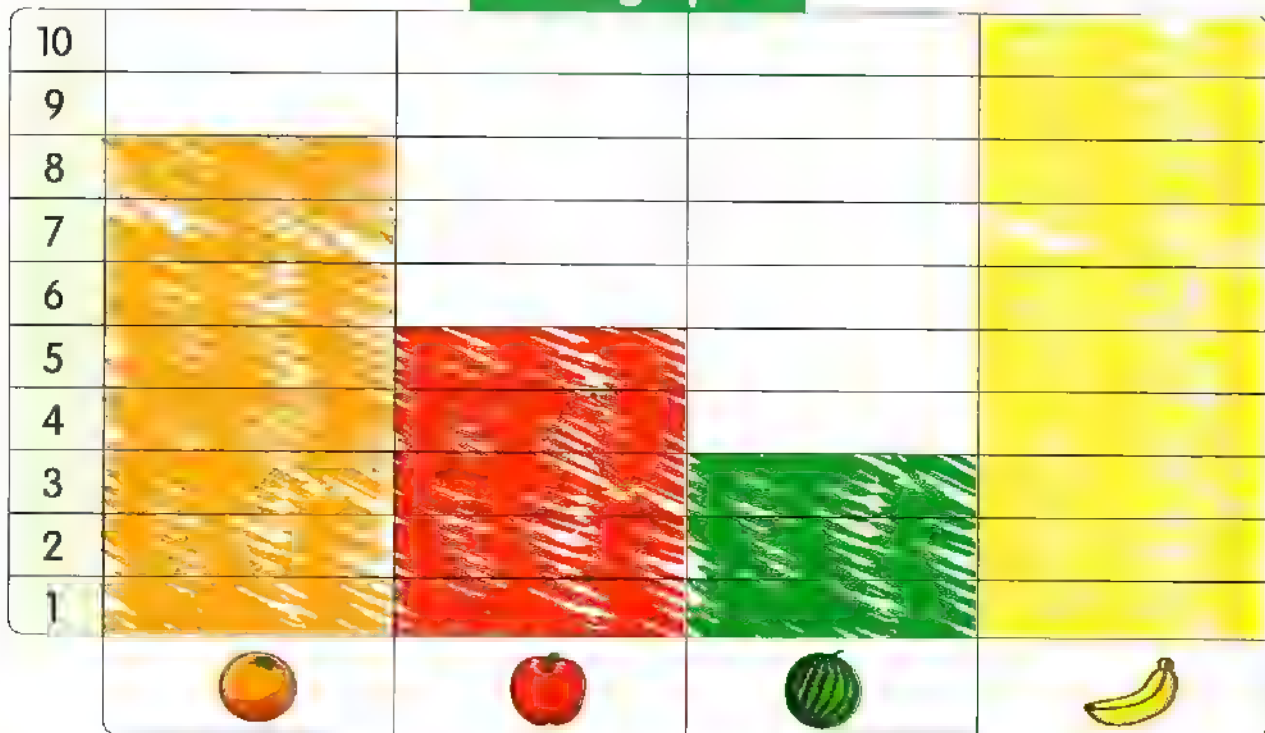
# Picture graph and bar graph



## Picture graph



## Bar graph



### Notes for parents

- Make with your child a bar graph using number of tools on his/her table such as: spoons, forks, cups and knives.

# Exercise

## 13

### Bar graph

On Lesson 30



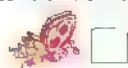
Color according to the number of each item in the picture.



7					
6					
5					
4					
3					
2					
1					

Mark ✓ for the correct choice.

- The most number is of


☐

☐

☐

☐

☐

- The least number is of


☐

☐

☐

☐

☐



Color according to the number of each item in the picture.

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				



Mark ✓ for the correct choice.

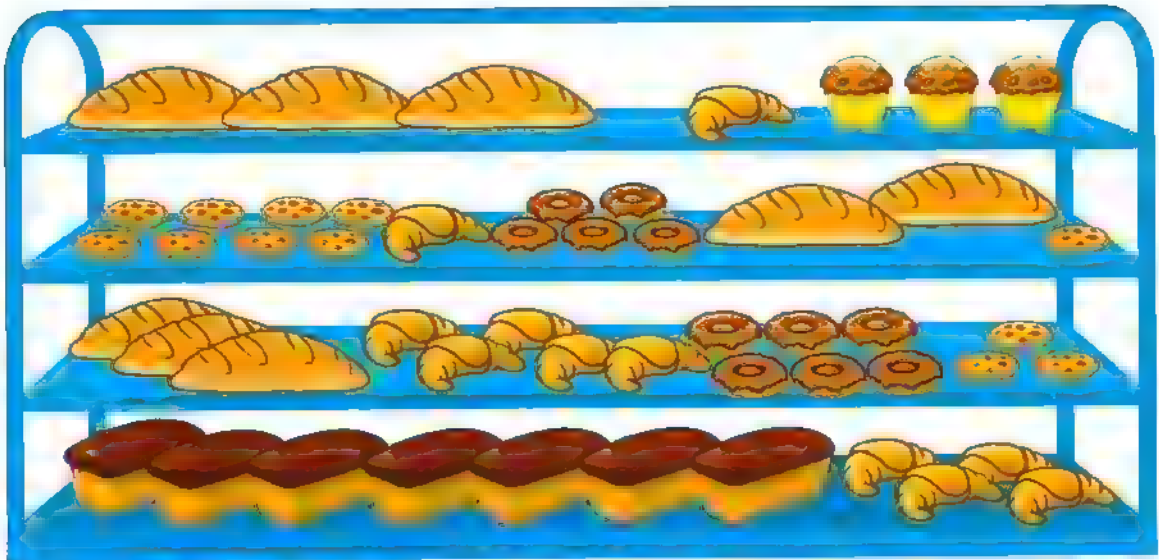
• The most number is of ☐ ☐ ☐ ☐

• The least number is of ☐ ☐ ☐ ☐





Color a space in the graph to show how many of each treats are in the bakery.



Number of Bakery Treats

12						
11						
10						
9						
8						
7						
6						
5						
4						
3						
2						
1						





Count. Color according to the number.



8				
7				
6				
5				
4				
3				
2				
1				

Complete.

○ The number of =

○ The number of =

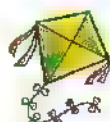
○ The number of =

○ The number of =

Circle the toy which has the most number.



Circle the toy which has the least number.





Color according to the number of each item in the picture.



10				
9				
8				
7				
6				
5				
4				
3				
2				
1				

Put ( > , < or = ).

• Number of

• Number of

• Number of

• Number of

Number of

Number of

Number of

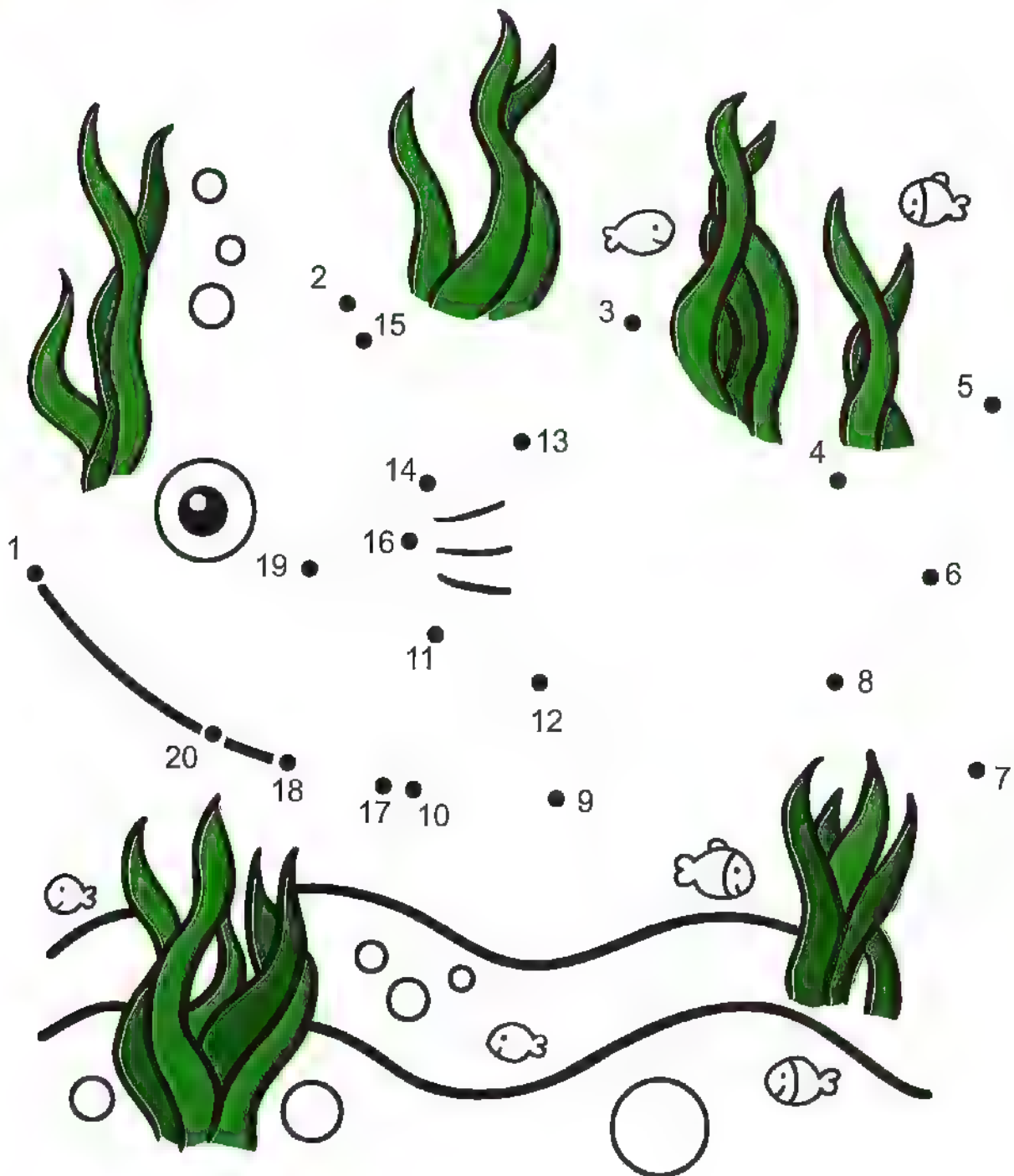
Number of



Place  
a smiley  
face



Join the numbers in order and color the picture.

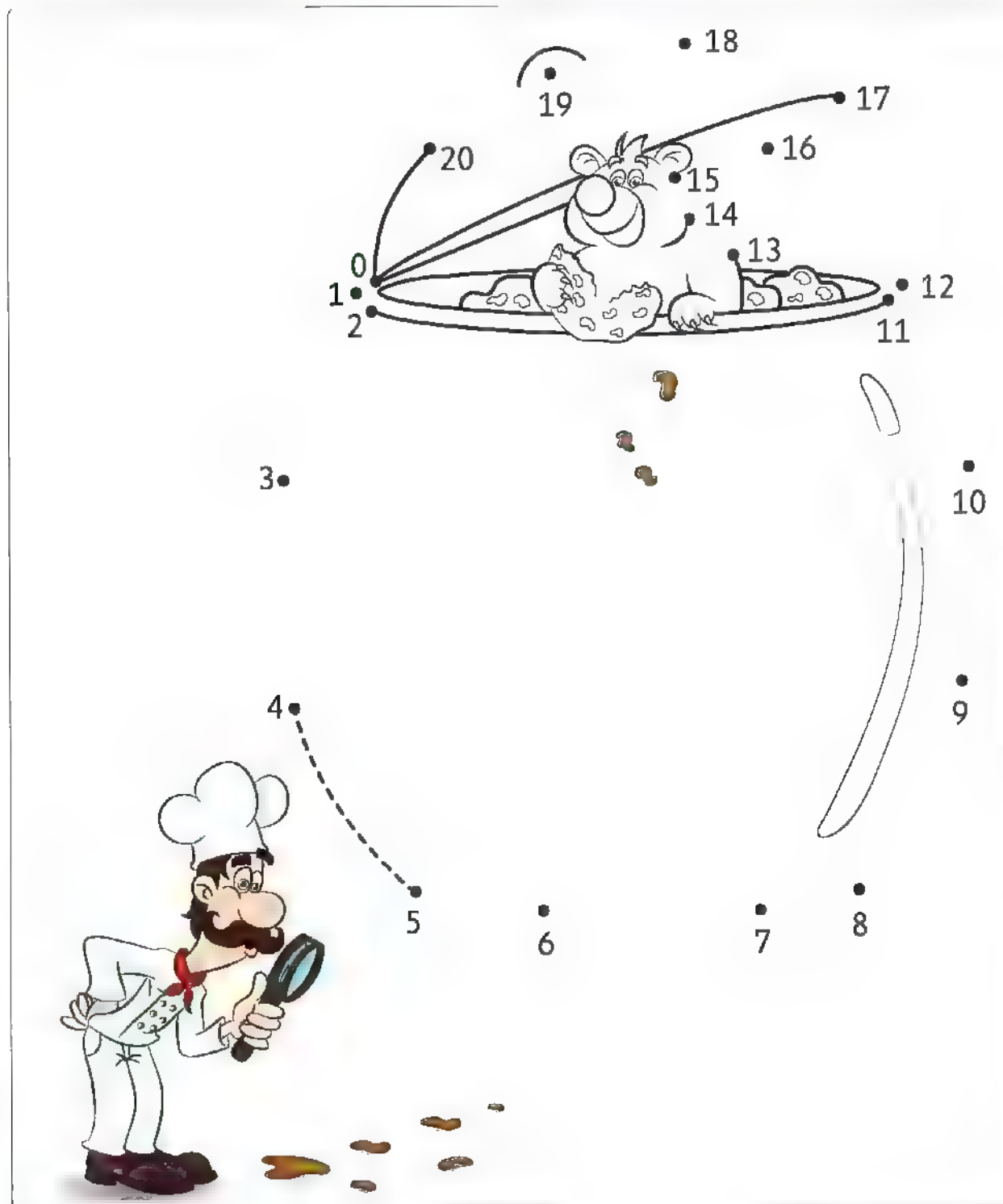


## Cookie Clues



Find out what holds something good !

Count by 1's to connect the dots. Color the picture.



## CHAPTER

# 5

### • Outcomes of lessons

#### ► Lessons 31 & 32

- Participate in calendar math activities.
- Count from 1 to 24.
- Read and write numerals from 1 to 24.
- Apply ten frames structure as a way to represent quantities.
- Classify objects by color.
- Add within 10 using manipulative.

#### ► Lesson 33 & 34

- Participate in calendar math activities.
- Count from 1 to 27.
- Read and write the numerals 25, 26 and 27.
- Apply the ten frames structure as a way to represent quantities.
- Classify objects by color.
- Use addition within 10 to solve word problems.

#### ► Lessons 35 & 36

- Participate in calendar math activities.
- Count from 1 to 30.
- Read and write numerals 28, 29 and 30.
- Apply the ten frames structure as a way to represent quantities.
- Classify objects by shape and color.
- Add within 10.

#### ► Lesson 37 to 40

- Participate in calendar math activities.
- Read and write numbers from 0 to 30.
- Count by ones and tens up to 30.
- Classify objects by their color, shape and objects.
- Add within 10 using pictures and objects.
- Use addition within 10 to solve word problems.

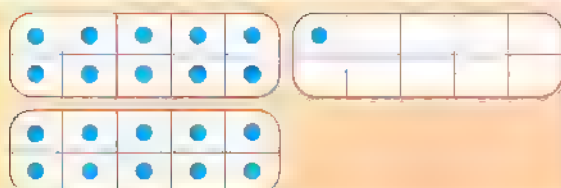




- Numbers from 21 to 24
- Classification by color
- Adding within 10

# 21

## Twenty-one



2 sets of ten and 1 extra one



Trace and write.

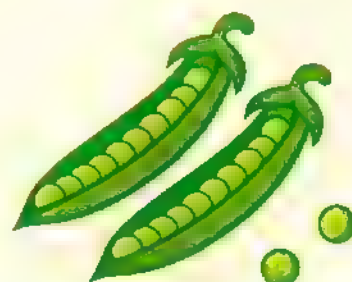
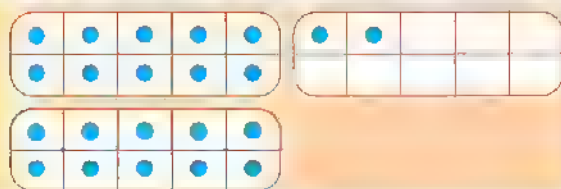
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# 22

## Twenty-two



2 sets of ten and 2 extra ones



Trace and write.

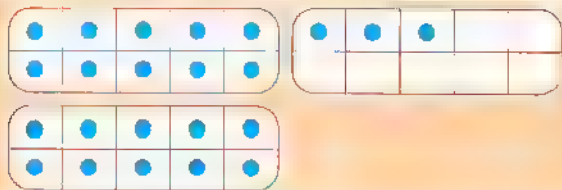
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- Use tens frame to practice your child counting up to 24.

# 23 Twenty-three

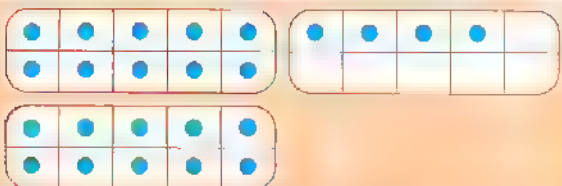


2 sets of ten and 3 extra ones



Trace and write.

# 24 Twenty-four



2 sets of ten and 4 extra ones



Trace and write.

- Ask your child to trace and write the numbers from 21 to 24.

## Classification by color

You can classify objects in any ways.

- By color

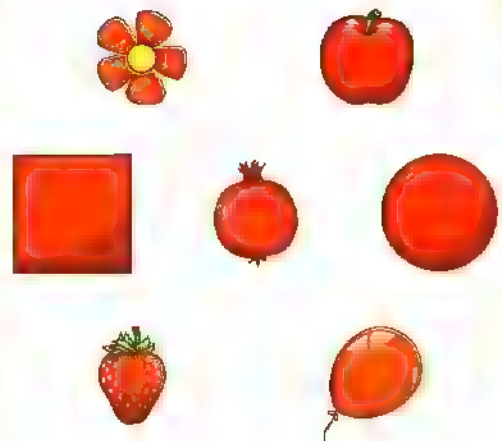
- By shape

- By size

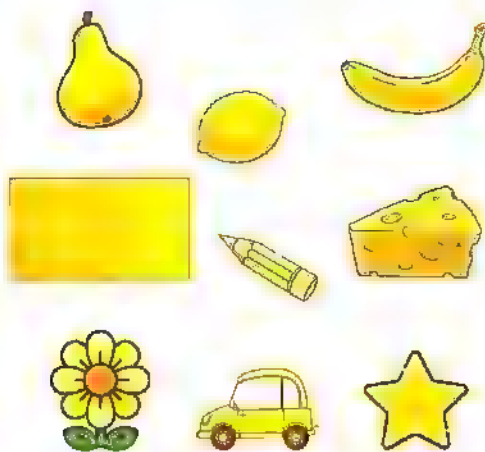
Here are examples for classifying by color.



Orange



Red



Yellow



Green

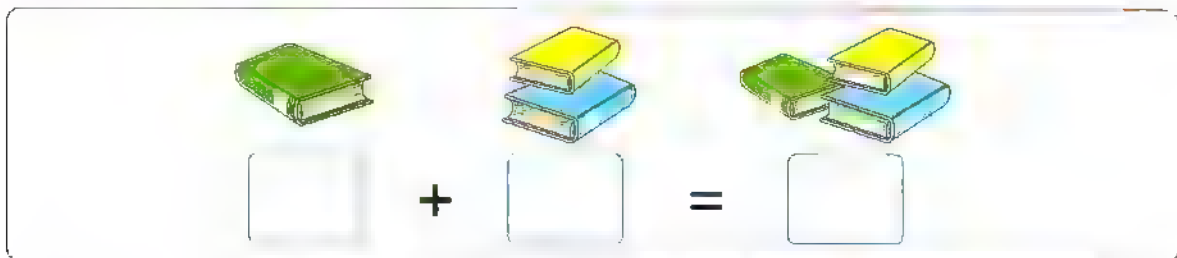
## Adding within 10



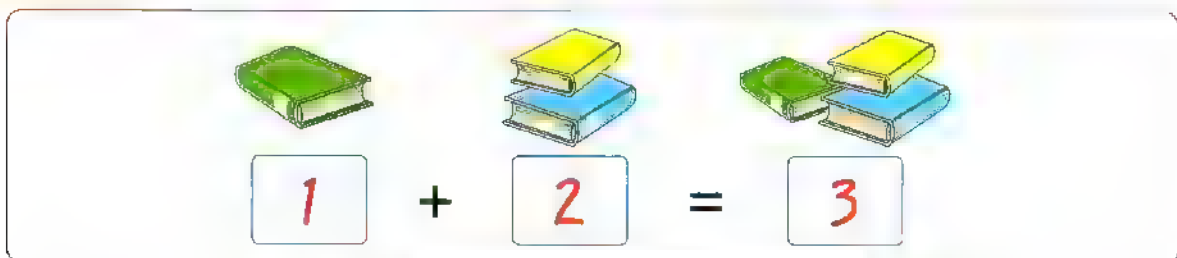
Write :  $\boxed{3} + \boxed{2} = \boxed{5}$   
 Say : 3 plus 2 equals 5

### Example

Write the number, then add.



### Solution



• Ask your child to use small items as counters to practice adding.

# Exercise

## 14

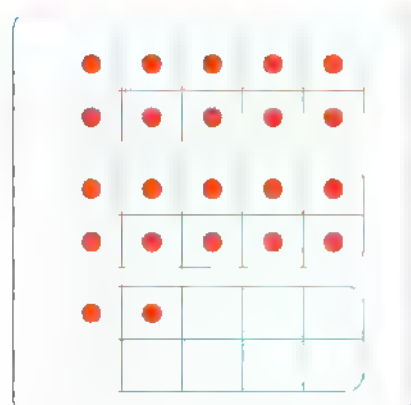
On Lessons 31 & 32

- Numbers from 21 to 24
- Classification by color
- Adding within 10

Numbers from 21 to 24



Match.



17

18

19

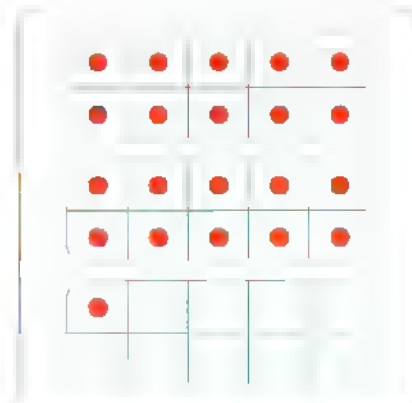
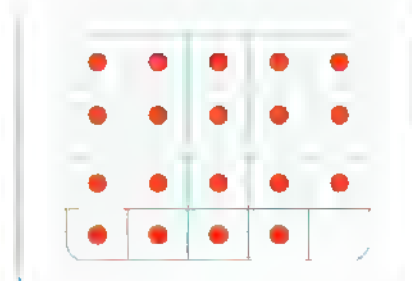
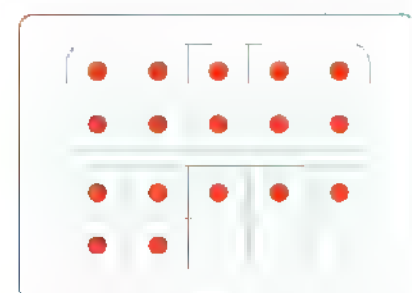
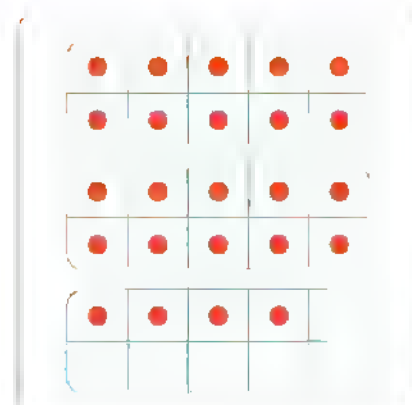
20

21

22

23

24







Match.

Nineteen

17

Twenty-two

20

Seventeen

22

Twenty

19

Twenty-three

23



Match.

Eighteen

24

Twenty-four

15

Twenty-one

21

Fifteen

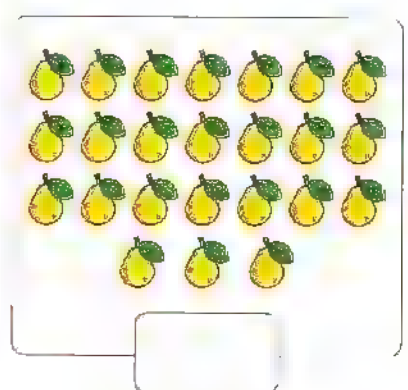
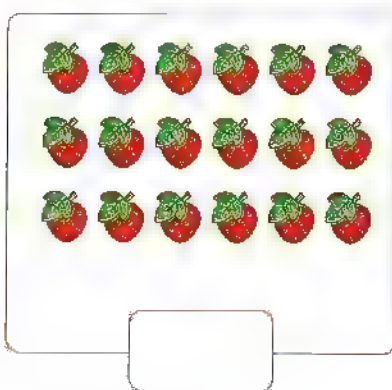
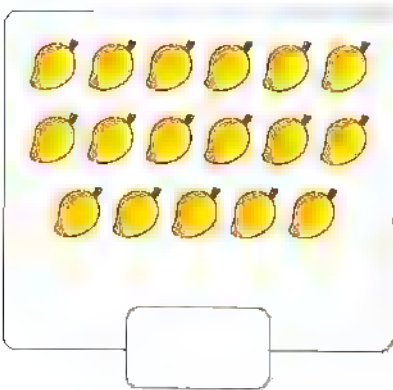
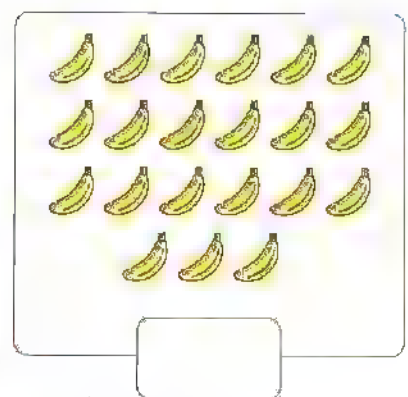
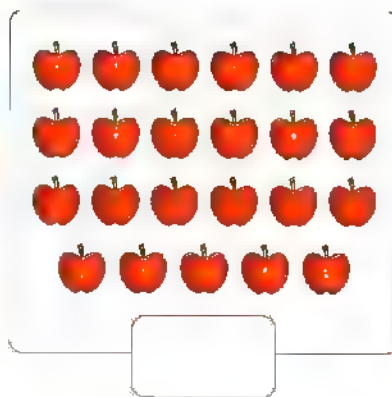
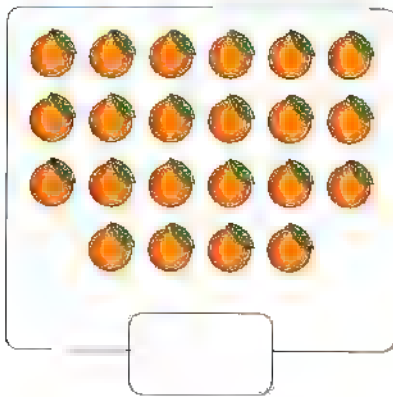
16

Sixteen

18



Count the number of objects, then write the number.





Put ( $>$ ,  $=$  or  $<$ ).

☐ 21  20

☐ 22  23

☐ 24  19

☐ 18  15

☐ 23  23

☐ 14  24

☐ 12  23

☐ 16  17

☐ 20  15

☐ Fifteen  17

☐ Twenty-one  11

☐ Eleven  Twelve

☐ Nineteen  Seventeen



Complete.

☐ 23 comes just after

☐ 23 comes just before

☐ 19 comes just before

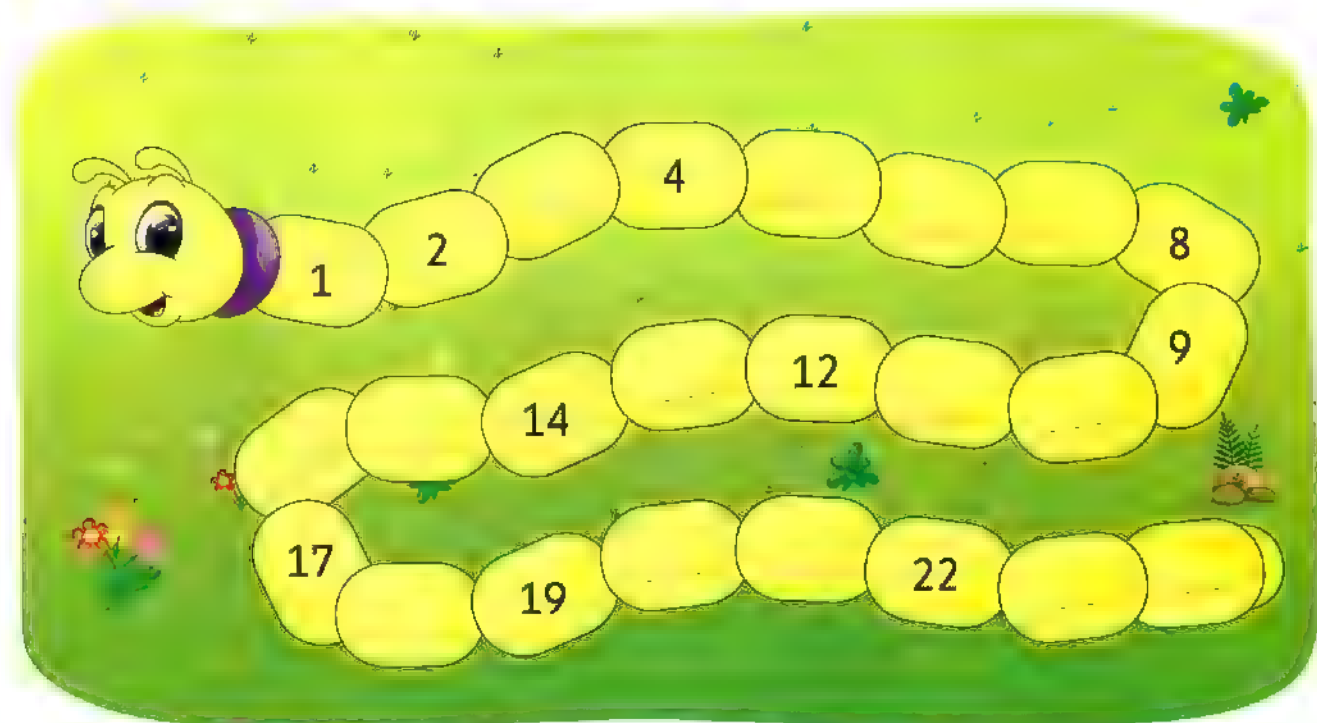
☐ 24 comes just after

☐ \_\_\_\_\_ comes just after 21

☐ \_\_\_\_\_ comes just before 19



Complete the numbers.



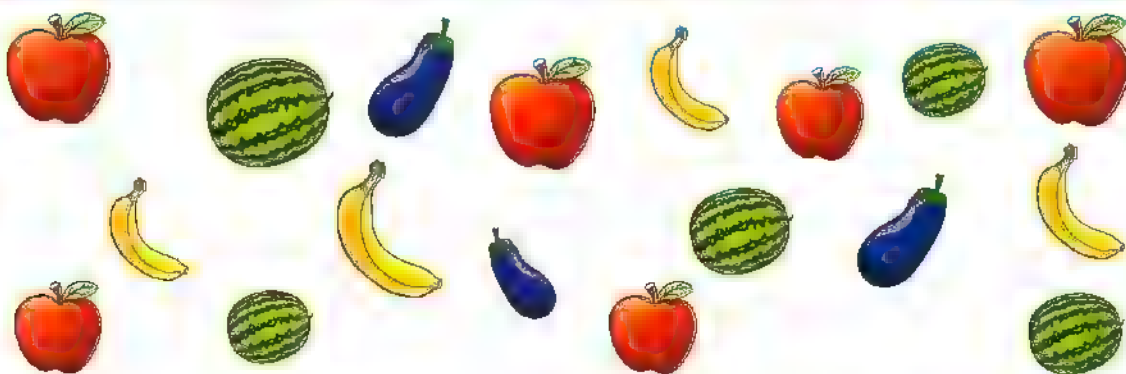
## Classification by color



Circle the group of the same color.



Count and write.



Green



Red

Blue



Write the number, then add.



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



$$\square + \square = \square$$



Draw ● to find the sum for the problem. Write the sum.  
The first one is done for you.

$$\begin{array}{r} \text{● ● ● ● ● ●} \\ \text{● ● ● ●} \\ + 4 \\ \hline 10 \end{array}$$

$$\begin{array}{r} \phantom{00} \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} \phantom{00} \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} \phantom{00} \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} \phantom{00} \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} \phantom{00} \\ + 4 \\ \hline \end{array}$$



Add.

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ (+) 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ (+) 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ (+) 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ (+) 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ (+) 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ (+) 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ (+) 4 \\ \hline \end{array}$$





Write the sum.

$6 + 2 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$5 + 4 = \underline{\quad}$

$1 + 8 = \underline{\quad}$

$1 + 2 = \underline{\quad}$

$2 + 7 = \underline{\quad}$

$10 + 0 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$3 + 5 = \underline{\quad}$

$7 + 1 = \underline{\quad}$

$8 + 2 = \underline{\quad}$

$0 + 10 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

$1 + 6 = \underline{\quad}$

$9 + 1 = \underline{\quad}$

$6 + 4 = \underline{\quad}$



Choose the correct answer.

☐  $4 + 3 =$  \_\_\_\_\_ ( 5 or 6 or 7 )

☐  $5 + 1 =$  \_\_\_\_\_ ( 6 or 7 or 8 )

☐  $2 + 7 =$  \_\_\_\_\_ ( 8 or 9 or 10 )

☐  $9 + 0 =$  \_\_\_\_\_ ( 7 or 8 or 9 )

☐  $8 + 1 =$  \_\_\_\_\_ ( 10 or 9 or 8 )

☐  $3 + 3 =$  \_\_\_\_\_ ( 3 or 5 or 6 )

☐  $6 + 2 =$  \_\_\_\_\_ ( 8 or 7 or 6 )

☐  $2 + 5 =$  \_\_\_\_\_ ( 6 or 7 or 9 )



Join the equal sums.

$4 + 5 =$  \_\_\_\_\_

$0 + 4 =$  \_\_\_\_\_

$2 + 6 =$  \_\_\_\_\_

$5 + 2 =$  \_\_\_\_\_

$3 + 1 =$  \_\_\_\_\_

$1 + 8 =$  \_\_\_\_\_

$1 + 5 =$  \_\_\_\_\_

$1 + 7 =$  \_\_\_\_\_

$4 + 3 =$  \_\_\_\_\_

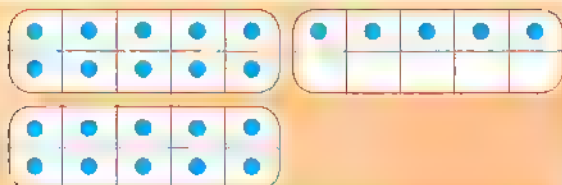
$3 + 3 =$  \_\_\_\_\_

Place  
a smiley  
face

- Numbers from 25 to 27
- Addition word problems

# 25

## Twenty-five



2 sets of ten and 5 extra ones



Trace and write.

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# 26

## Twenty-six



2 sets of ten and 6 extra ones



Trace and write.

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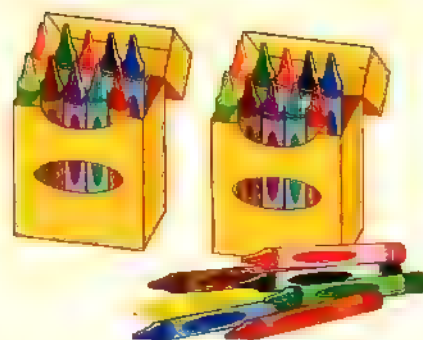
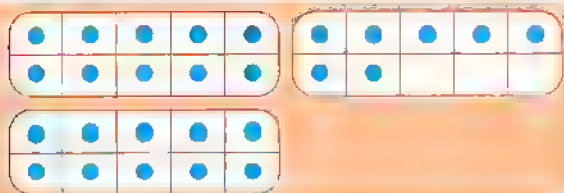
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- Give your child small objects and ask him/her to make two groups of 25 objects and 26 objects.

# 27 Twenty-seven



2 sets of ten and 7 extra ones



Trace and write.



• Ask your child to count up to 27.

## Addition word problems

Bassem has 2  and Amgad has 5 .

How many  do they both have ?



What they both have =  $\boxed{2} + \boxed{5} = \boxed{7}$  

Mariam has 3 cats and her brother Amr has 6 dogs.

How many pets do they have ?

The pets they have =  $\boxed{3} + \boxed{6} = \boxed{9}$  pets.



Sameh has 4 big fish. He also has 2 small fish.

How many fish does he have ?

What he has =  $\boxed{4} + \boxed{2} = \boxed{6}$  fish.



- Tell a story with addition problem and help your child to write the related addition sentence, then ask him/her to find the result.



# Exercise 15

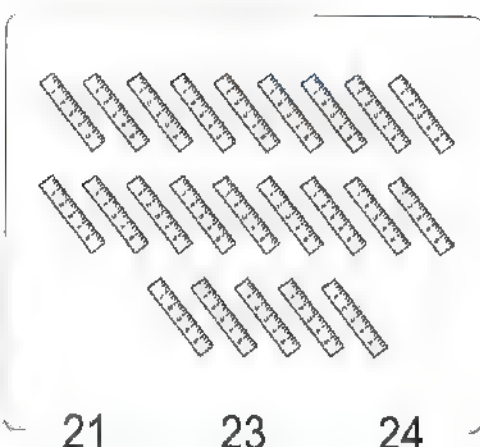
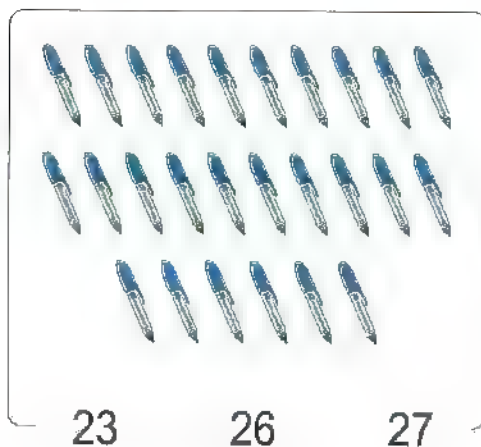
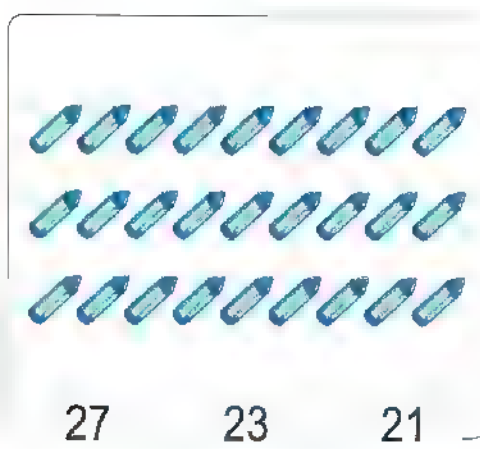
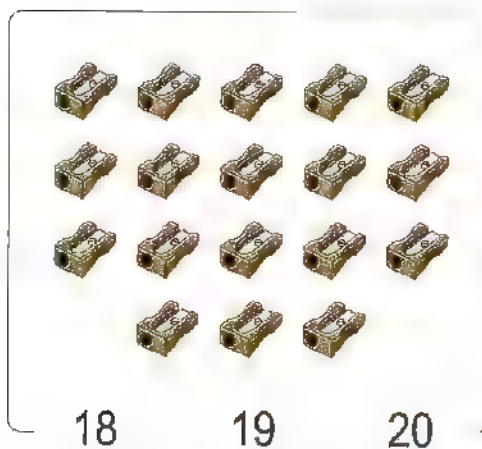
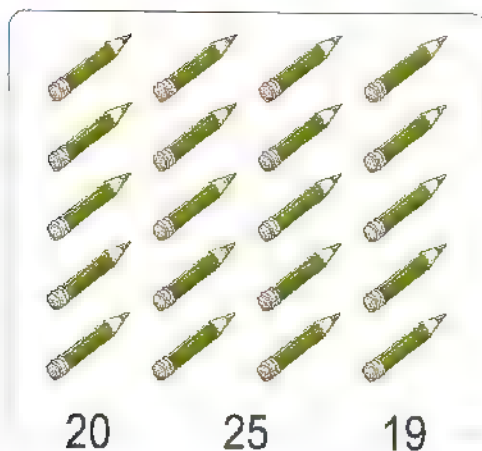
On Lessons 33 & 34

- Numbers from 25 to 27
- Addition word problems

Numbers from 25 to 27



Count. Choose the correct answer.





Draw the dots to express each number by using five frames.

25

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26

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27

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Join.

21

Twenty-two

23

Twenty-seven

27

Twenty-five

25

Twenty

24

Twenty-three

22

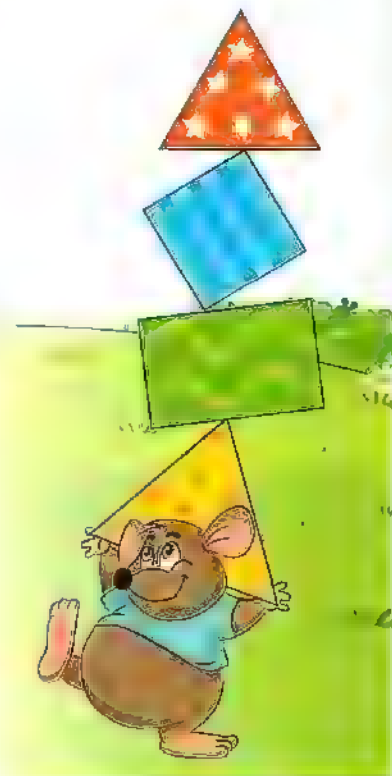
Twenty-one

20

Twenty-six

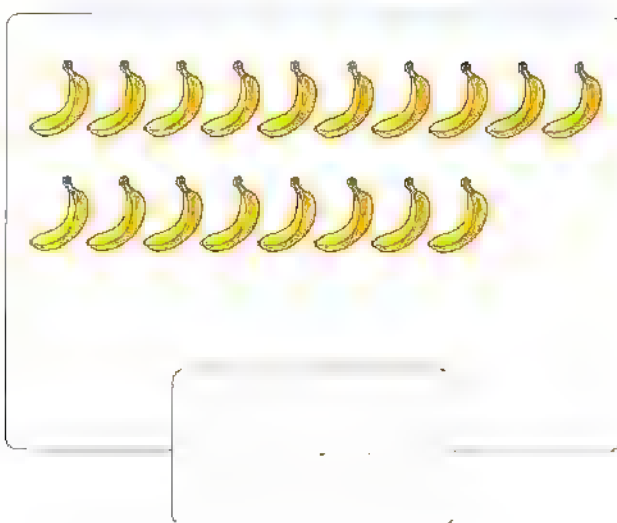
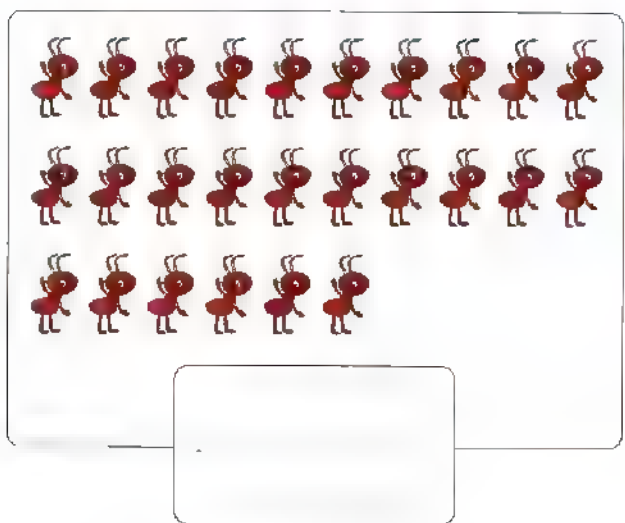
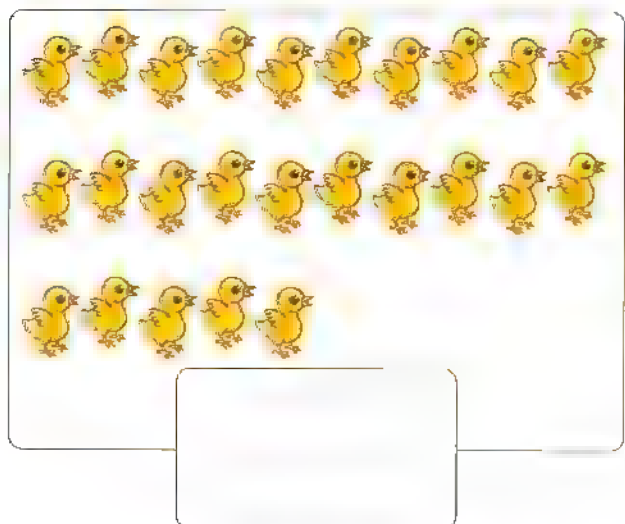
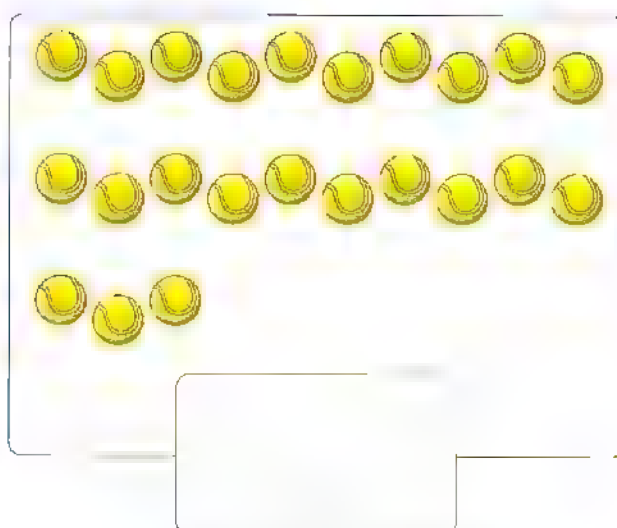
26

Twenty-four





Count, write the number.





Write (✓) to the correct statement and (X) to the incorrect statement.

○ 27 comes just after 26 ( )

○ 25 is more than 24 ( )

○ 25 comes just before 24 ( )

○  $21 < 27$  ( )

○ 26 is less than 23 ( )

○  $26 > 25$  ( )



Complete the numbers.

0 — blank — 2 — 3 — blank — 5 — blank — blank — blank — blank — 9 — 8 — blank — blank — 21 — blank — blank — 25 — blank — 23



Choose the correct answer.

26 < \_\_\_\_\_ ( 24 or 25 or 27 )

23 > \_\_\_\_\_ ( 25 or 24 or 22 )

25 is less than \_\_\_\_\_ ( 21 or 26 or 23 )

21 is more than \_\_\_\_\_ ( 22 or 20 or 24 )

24  twenty-two ( > or = or < )

19  twenty ( > or = or < )



Count, write the number, then put ( > , < or = ).





## Addition word problems



Solve each of the following.

Wael has 5 in Arabic and 4 in English.

How many does Wael have ?



What Wael has =  +  =

Ali caught 4 and Rami caught 2 .

Find the number of with both.



The number of fish =  +  =

Karim has 3 and Hany has 7 .

How many do they both have ?

What they both have =  +  =



Lara has 3 red and Sara has 5 green .

How many do they both have ?

What they both have =  +  =



Ayman has **6** pounds and his sister  
Amal has **4** pounds.

**How much money do they have ?**

What they both have =  +  =  pounds.



Osama has **7** sweets.  
His father gives him **2** sweets.

**How many sweets does Osama has now ?**

What Osama has =  +  =  sweets.



Jana made **5** cookies.  
Then she made **3** more cookies.

**How many cookies did Jana make ?**

What Jana made =  +  =  cookies.



Maged found **3** seashells and Mariam found  
the same number of seashells.

**How many seashells they found together ?**

What they both found =  +  =  seashells.

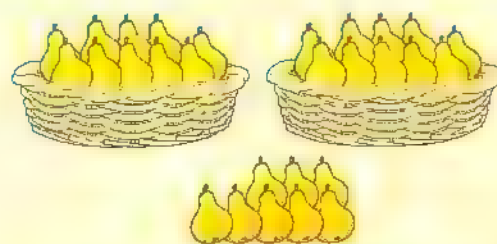
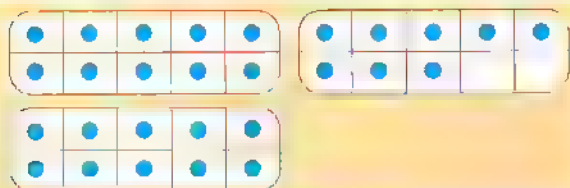


Place  
a smiley  
face

# Lesson 35 & 36

- Numbers from 28 to 30
- Classification by shape

## 28 Twenty-eight

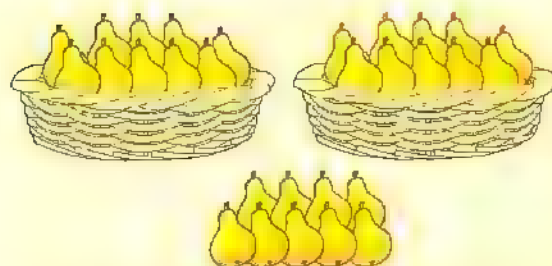
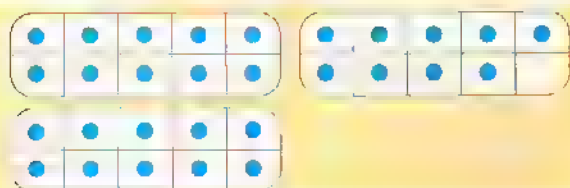


2 sets of ten and 8 extra ones



Trace and write.

## 29 Twenty-nine



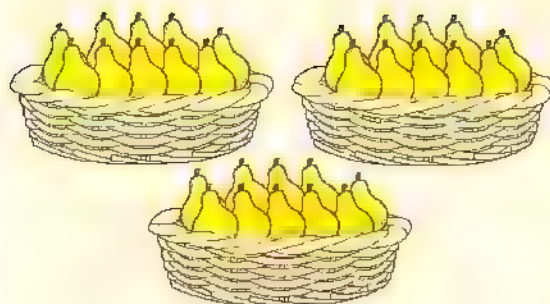
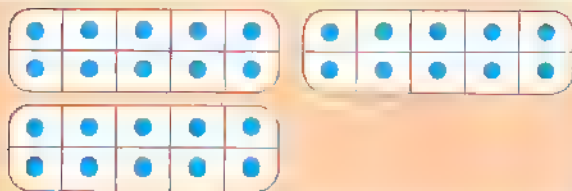
2 sets of ten and 9 extra ones



Trace and write.

# 30

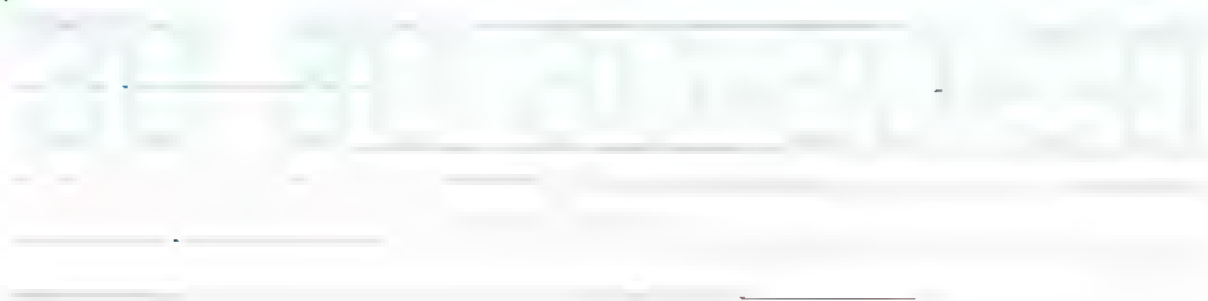
Thirty



3 sets of ten



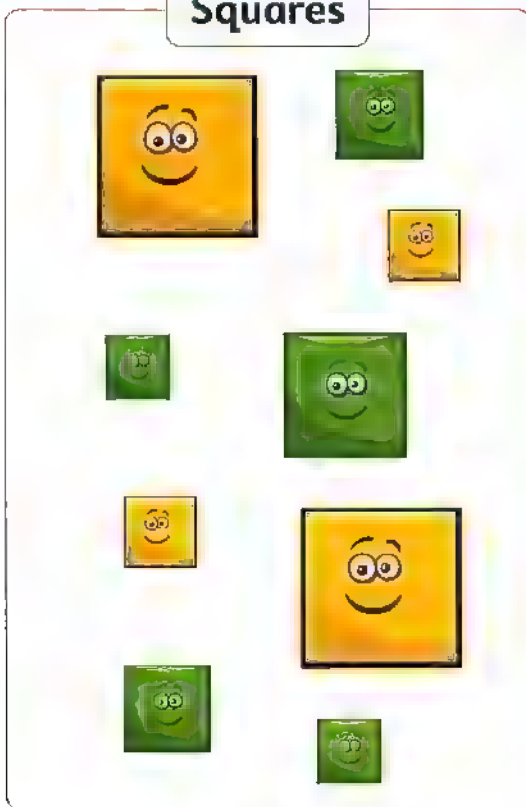
Trace and write.



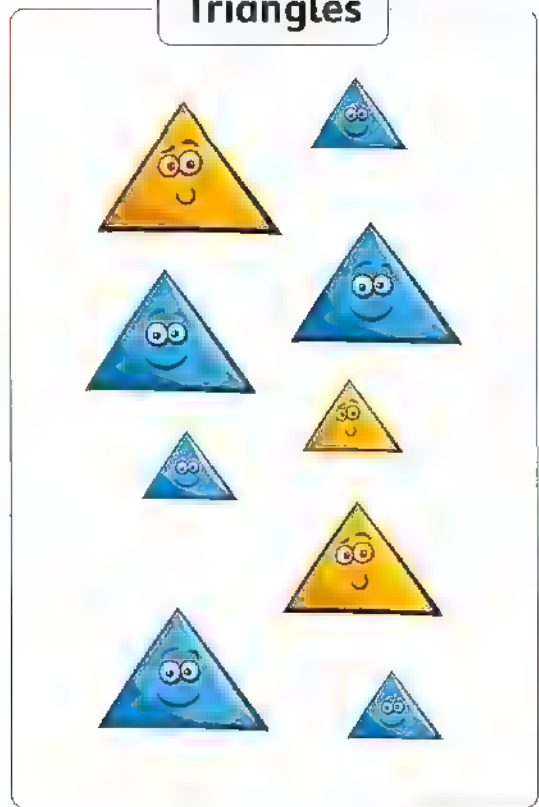
- Practice your child to show numbers from 0 to 30 using five and ten frames.

## Classification by shape

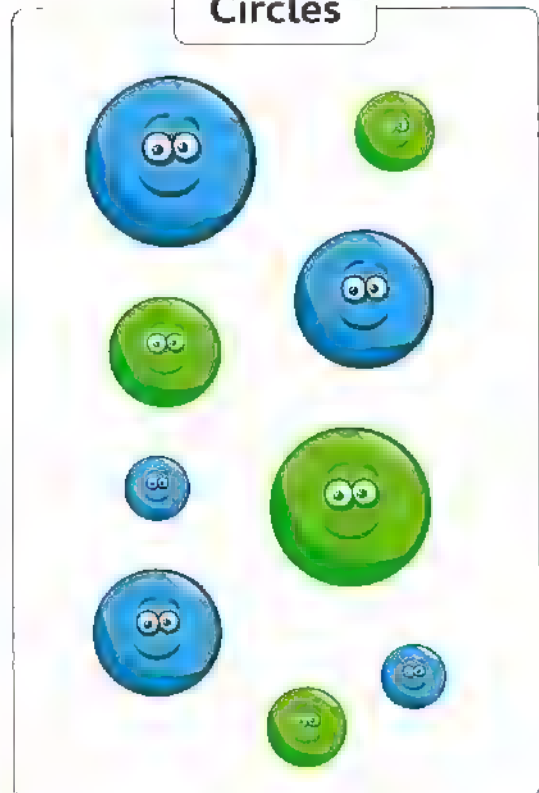
### Squares



### Triangles



### Circles



- Provide your child some various shapes mixed together. Ask your child to sort the shapes so all the circles are together, all the squares are together and so on.



# Exercise

## 16

On Lessons 35 & 36

- Numbers from 28 to 30
- Classification by shape

### Numbers from 28 to 30



Draw the dots to express each number using five and ten frames.

28

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

29

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

30

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



Join.

25

Twenty-two

24

Twenty-one

23

Twenty

22

Twenty-five

21

Twenty-three

20

Twenty-four



Join.

30

Twenty-seven

19

Twenty-nine

28

Twenty-six

29

Thirty

27

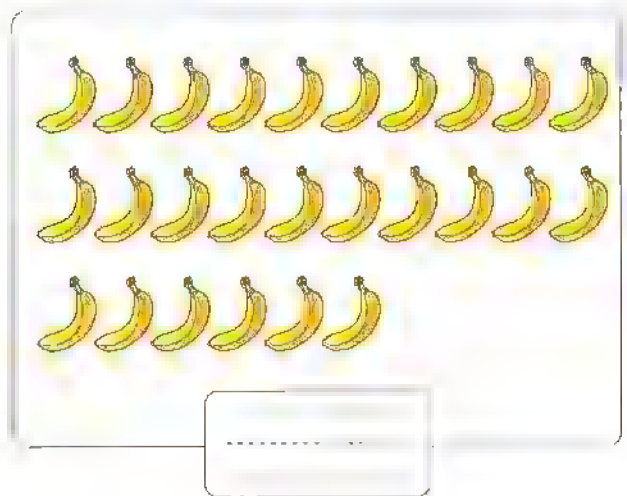
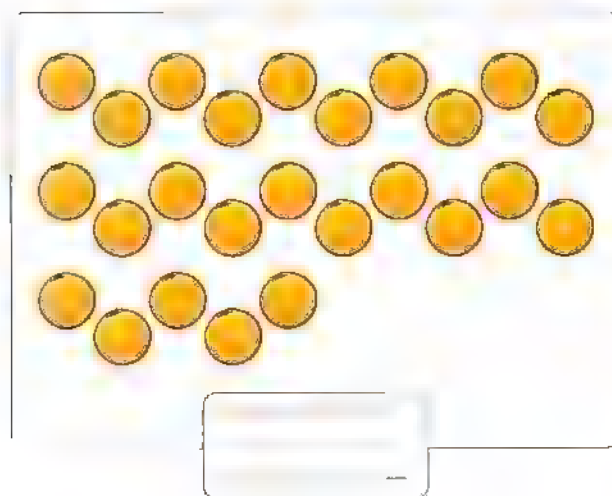
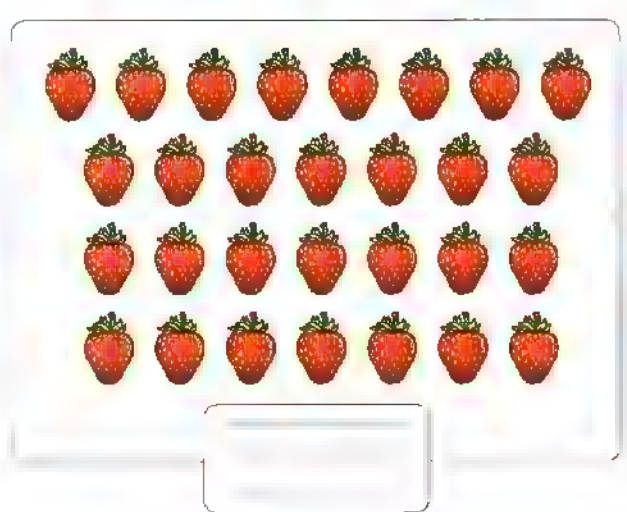
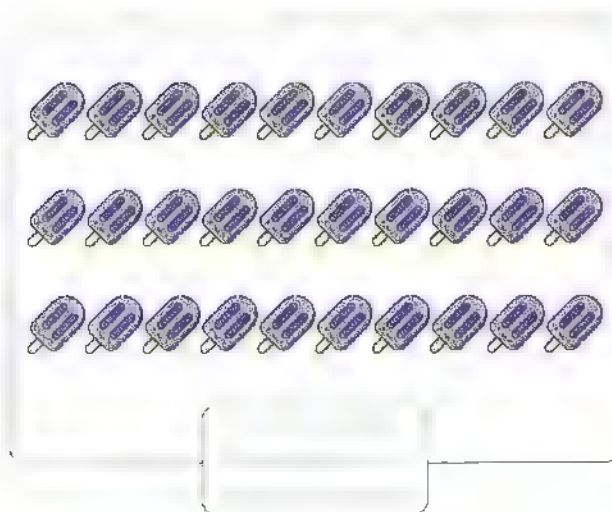
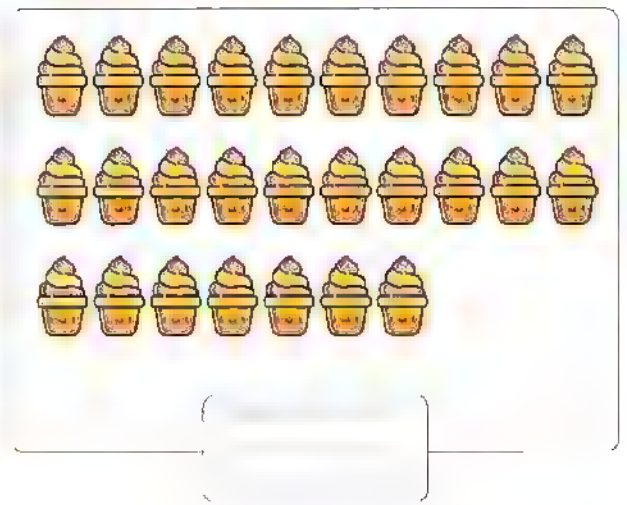
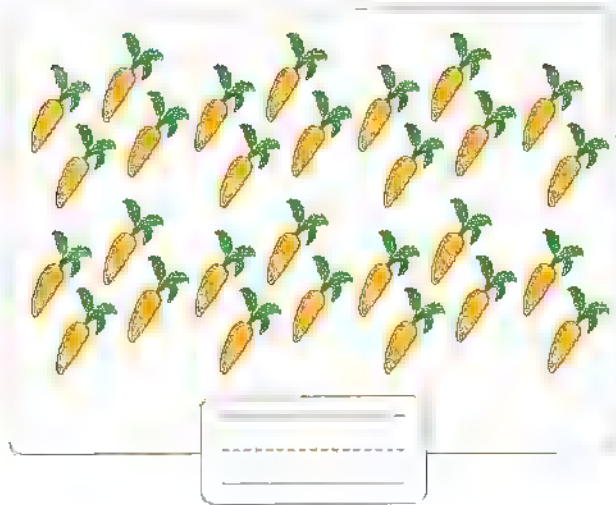
Nineteen

26

Twenty-eight



Count and write the number.





Put ( $>$ ,  $=$  or  $<$ ).

• 30 ○ 28

• 19 ○ 20

• 24 ○ 24

• 29 ○ 27

• 25 ○ 15

• 30 ○ 18

• 26 ○ Twenty-eight

• Twenty-three ○ Thirteen

• Thirteen ○ Thirty

• Fifteen ○ Twenty-eight



Write the number just comes after.

27

21

19

29

fourteen

twenty-eight



Write the number just comes before.

24

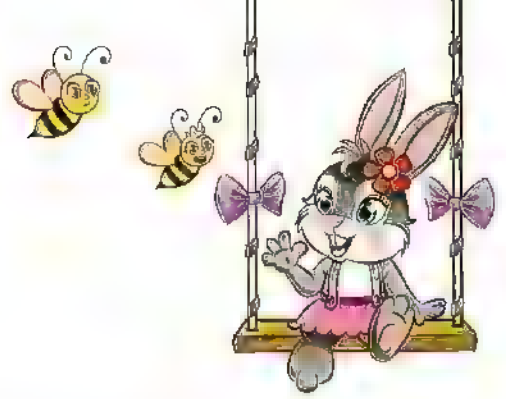
30

11

29

twenty-six

twenty-eight



**Arrange in an ascending order.**

- 23 , 19 , 29 , 30 , 7

The order is : \_\_\_\_\_

- 16 , 9 , 21 , 18 , 28

The order is : \_\_\_\_\_

- 17 , 24 , 9 , 29 , 26

The order is : \_\_\_\_\_



**Arrange in a descending order.**

- 17 , 30 , 3 , 29 , 0

The order is : \_\_\_\_\_

- 22 , 12 , 20 , 2 , 21

The order is : \_\_\_\_\_

- 10 , 20 , 14 , 30 , 27

The order is : \_\_\_\_\_



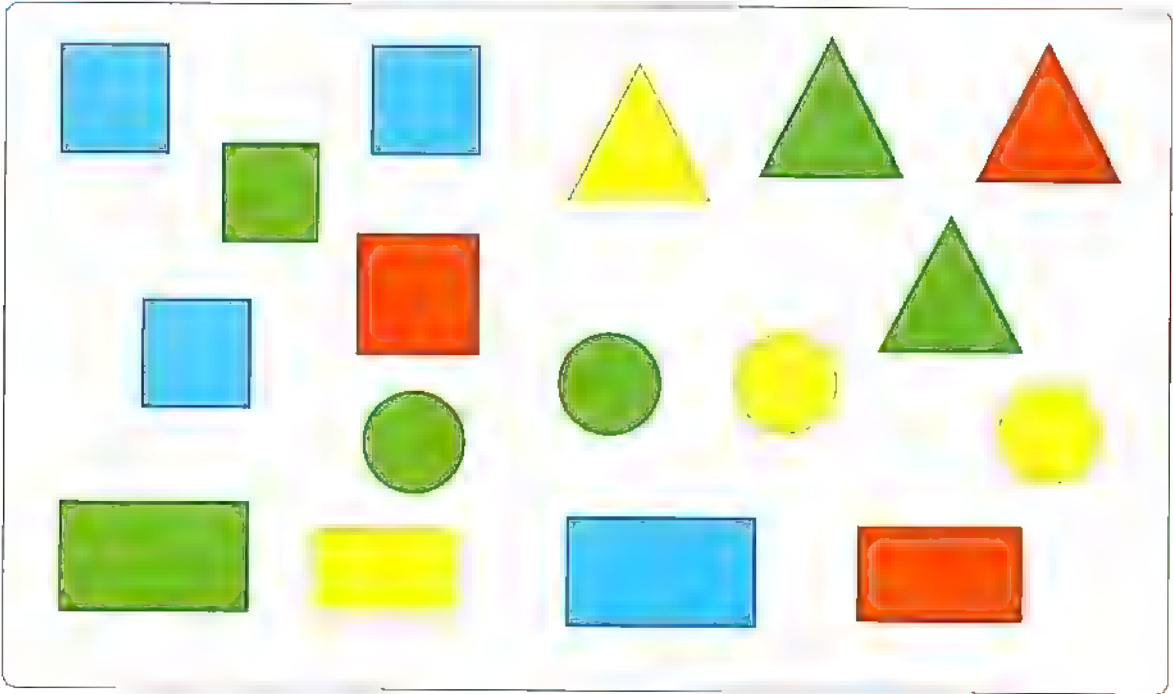
**Write (✓) to the correct statement and (X) to the incorrect statement.**

- |                             |                               |
|-----------------------------|-------------------------------|
| • 28 is greater than 29 ( ) | • 27 is 1 greater than 28 ( ) |
| • 27 is less than 18 ( )    | • 30 comes just after 29 ( )  |
| • 29 is 1 less than 30 ( )  | • 28 comes just before 27 ( ) |

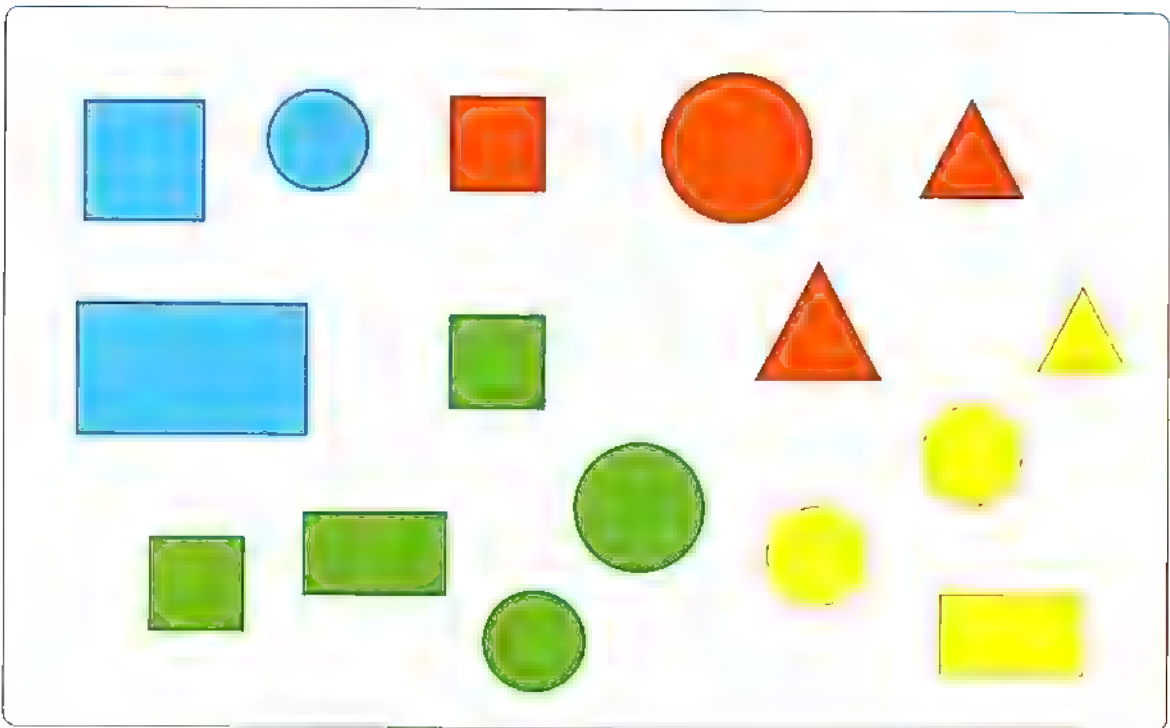
## Classification by shape



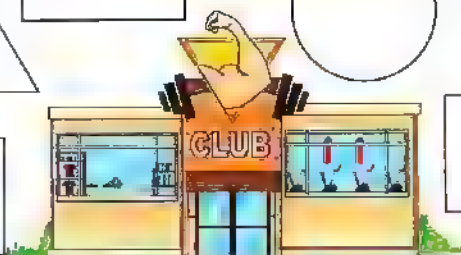
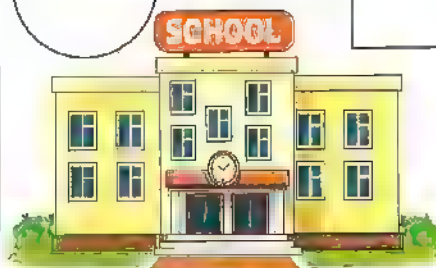
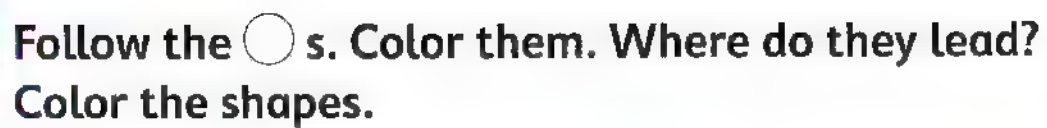
Circle the objects having the same shape.



Circle the objects having the same color.



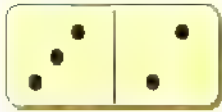




## More practice on addition



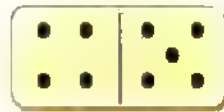
Write the number of dots, then add. The first one is done for you.



$$3 + 2 = 5$$



$$3 + 3 = 6$$



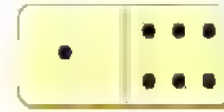
$$4 + 4 = 8$$



$$6 + 2 = 8$$



$$4 + 0 = 4$$



$$1 + 5 = 6$$



$$4 + 1 = 5$$



$$2 + 4 = 6$$



$$2 + 2 = 4$$



Add.

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ (+) 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ (+) 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ (+) 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ (+) 1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ (+) 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ (+) 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ (+) 10 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ (+) 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ (+) 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ (+) 2 \\ \hline \end{array}$$



Find the sum.

$4 + 5 = \underline{\quad\quad}$

$2 + 3 = \underline{\quad\quad}$

$1 + 9 = \underline{\quad\quad}$

$8 + 2 = \underline{\quad\quad}$

$7 + 1 = \underline{\quad\quad}$

$6 + 4 = \underline{\quad\quad}$

$0 + 8 = \underline{\quad\quad}$

$1 + 6 = \underline{\quad\quad}$

$5 + 5 = \underline{\quad\quad}$

$9 + 1 = \underline{\quad\quad}$

$4 + 4 = \underline{\quad\quad}$

$2 + 7 = \underline{\quad\quad}$



Add, then complete using ( $<$ ,  $>$  or  $=$ ).

$5 + 4 \bigcirc 6 + 4$

$3 + 4 \bigcirc 5 + 1$

$6 + 3 \bigcirc 7 + 2$

$0 + 5 \bigcirc 1 + 3$

$9 + 0 \bigcirc 5 + 5$

$8 + 1 \bigcirc 3 + 6$

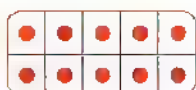
Place  
a smiley  
face

# Let's learn 37 to 40

- Count by 10's up to 30
- Components of 10
- Classification by size

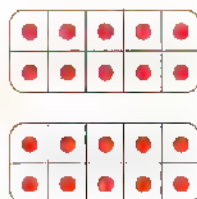
## Count by 10's up to 30

10



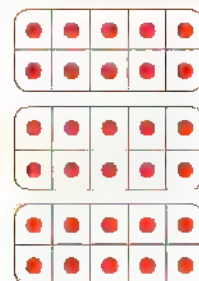
Ten

20



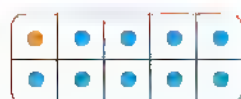
Twenty

30



Thirty

## Components of 10



$$1 + 9$$



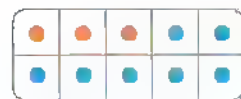
$$4 + 6$$



$$2 + 8$$



$$5 + 5$$



$$3 + 7$$



$$0 + 10$$

10



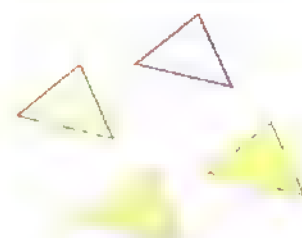
## Classification by size



Large



Medium



Small

### Notes for parents

- Tell your child a number from 0 to 10 and ask him/her to tell you another number to make 10.
- Let your child use different objects at home to practice classification by size.

# Exercise

## 17

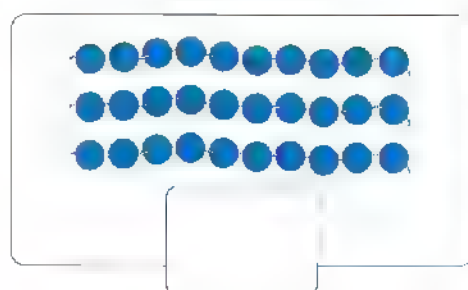
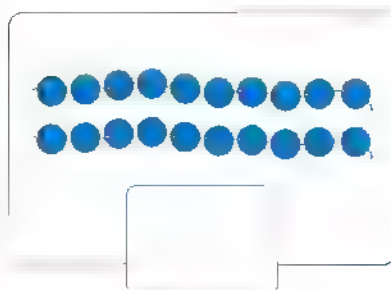
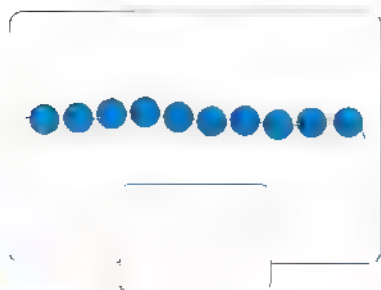
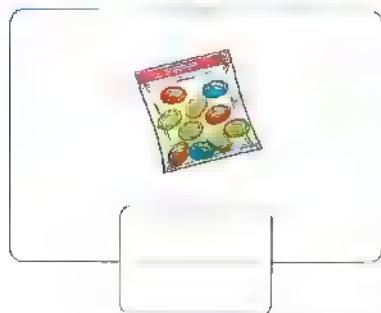
On Lessons 37 to 40

- Count by 10's up to 30
- Components of 10
- Classification by size

Count by 10's up to 30



Count by 10's. Write the number.



Complete counting by 10's.

10		30
----	--	----

10	20	—
----	----	---

10	—	—
----	---	---

Components of 10



Match to make 10.

2

0

5

3

4

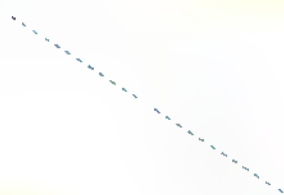
5

8

10

6

7







Complete the drawing to make 10.



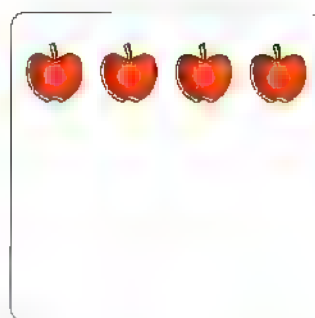
$3 + \quad = 10$



$5 + \quad = 10$



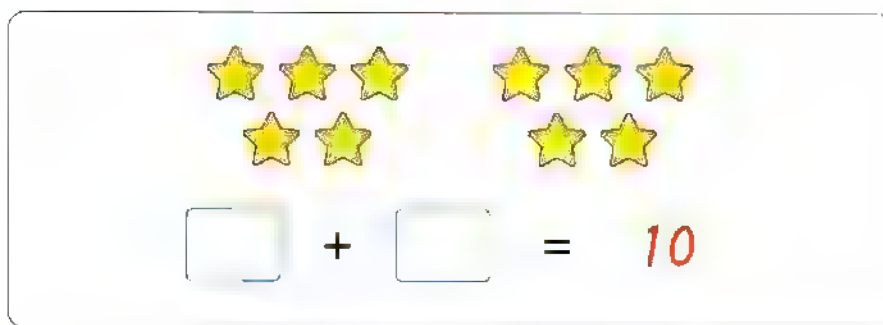
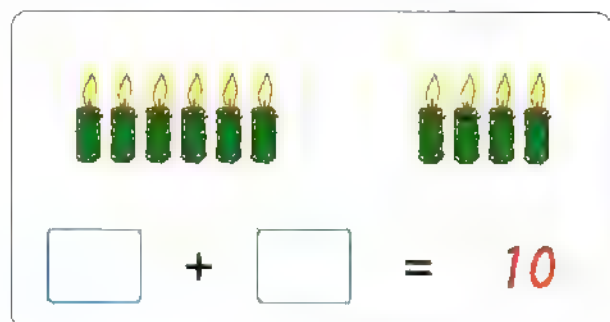
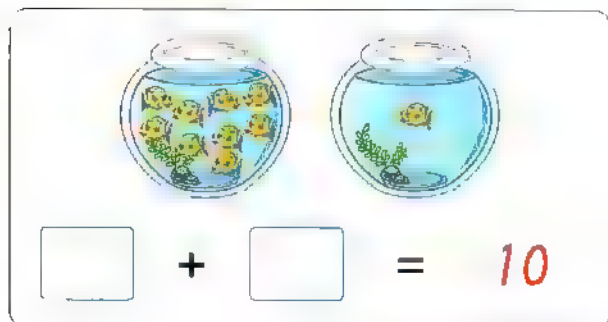
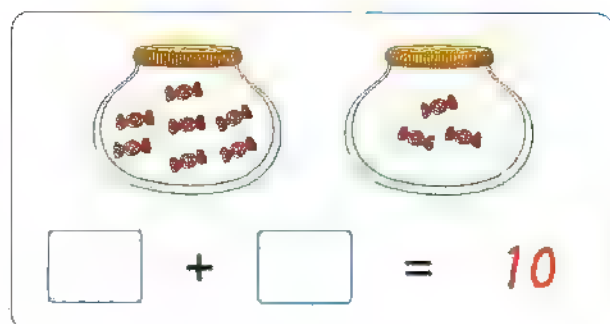
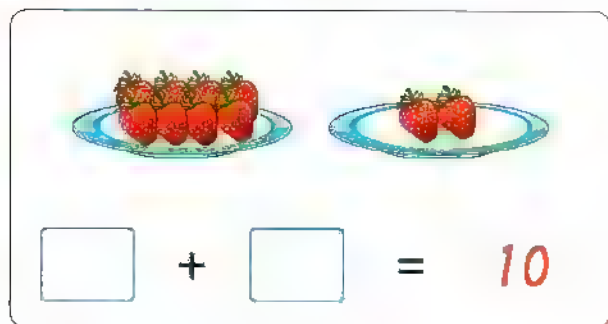
$2 + \quad = 10$



$4 + \quad = 10$

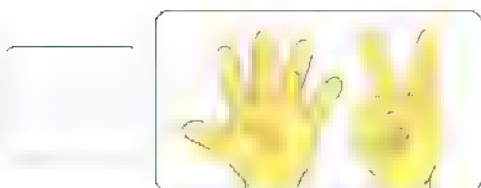
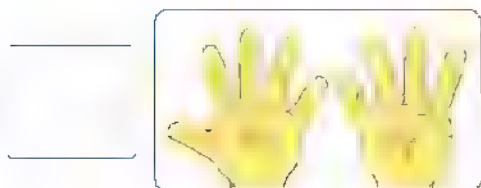


Count. Write the number. Add.





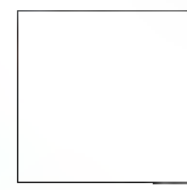
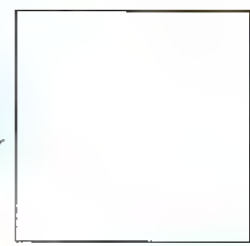
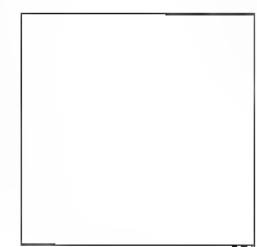
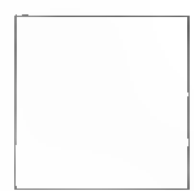
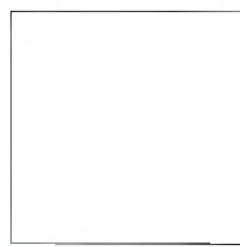
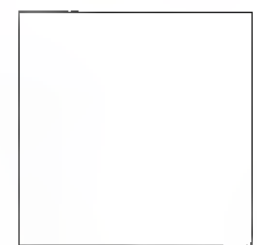
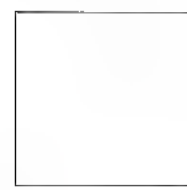
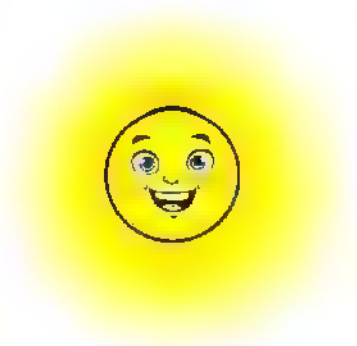
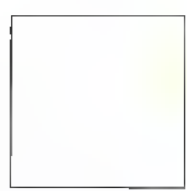
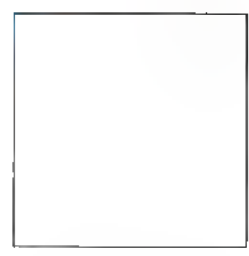
Count, write the numbers then match to make 10.



Classification by size



Color the squares that have the same size by the same color.

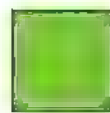




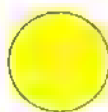
**Circle the objects having the same shape**  
(  $\triangle$  -  $\square$  -  $\circ$  ).



**Circle the objects having the same size**  
( Large - Medium - Small ).



**Circle the objects having the same color**  
( Red - Yellow - Green ).



## More addition problems



Add.

$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 0 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$



Write the sum.

$4 + 3 =$

$5 + 2 =$

$9 + 0 =$

$6 + 1 =$

$3 + 7 =$

$2 + 1 =$

$3 + 5 =$

$4 + 2 =$

$2 + 6 =$

$8 + 1 =$

$4 + 4 =$

$0 + 10 =$



Add, then match the equal sums.

$4 + 1 =$

$6 + 4 =$

$5 + 4 =$

$5 + 0 =$

$7 + 3 =$

$6 + 2 =$

$1 + 7 =$

$1 + 8 =$





**Read each word problem. Solve each problem.**

Marwan has **4** balloons and Heba has **2** balloons.

**How many balloons are there in all ?**

They have =  +  =



Mary baked **5** big cookies and **5** small cookies.

**How many cookies did she bake in all ?**

She baked =  +  =



Karim went to the market to buy some fruit.

He bought **6** apples and **3** oranges.

**How much fruit did Karim buy in all ?**

Karim bought =  +  =  fruit.

Sama has **2** red flowers and Hani has **3** yellow flowers.

**How many flowers do they have in all ?**

They have =  +  =  flowers.

Faried has **3** big fish. He also has **3** small fish.

**How many fish does he have in all ?**

He has =  +  =  fish.

Place  
a smiley  
face



Add and color the picture according to the answers.

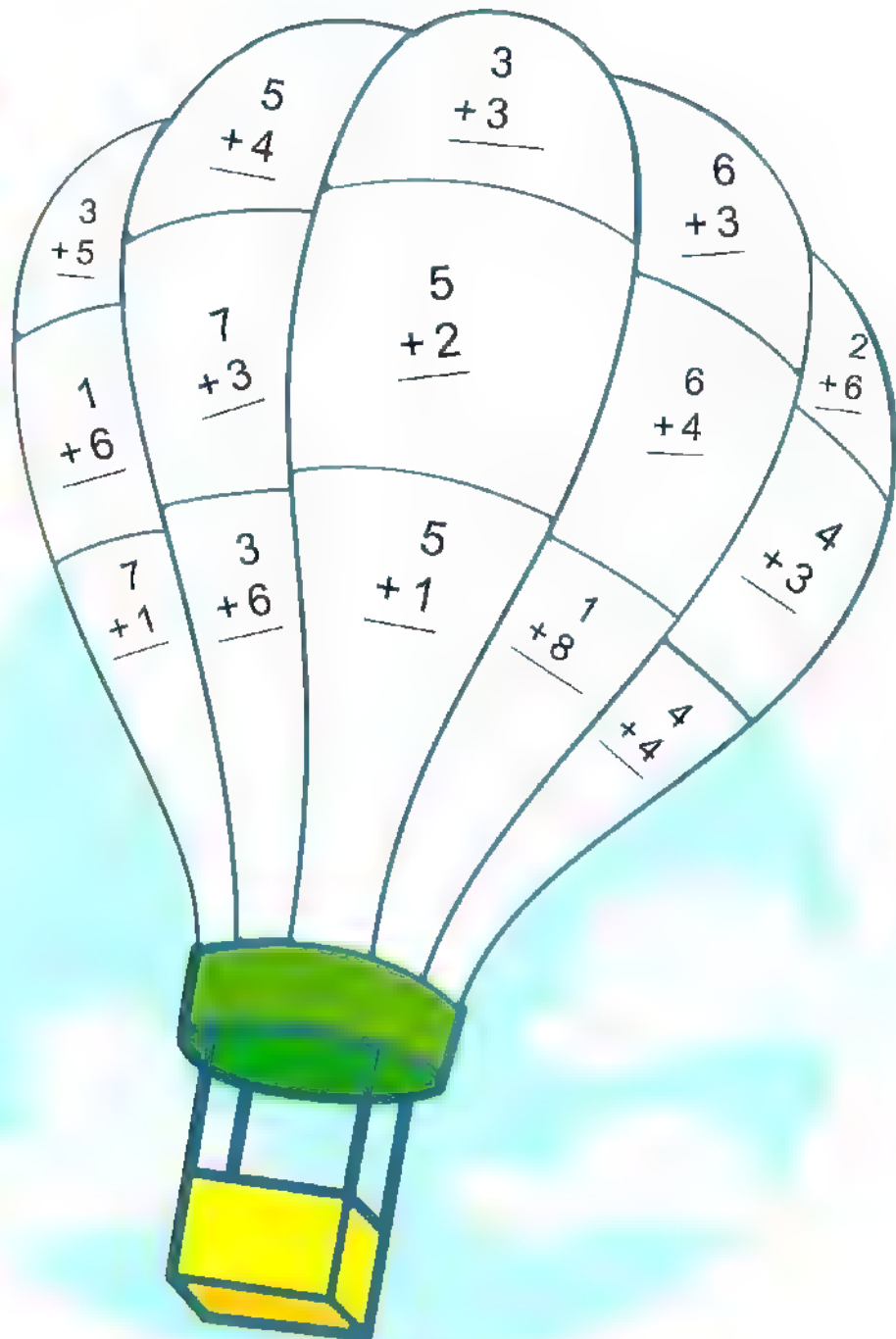
**Orange** 6

**Blue** 7

**Red** 8

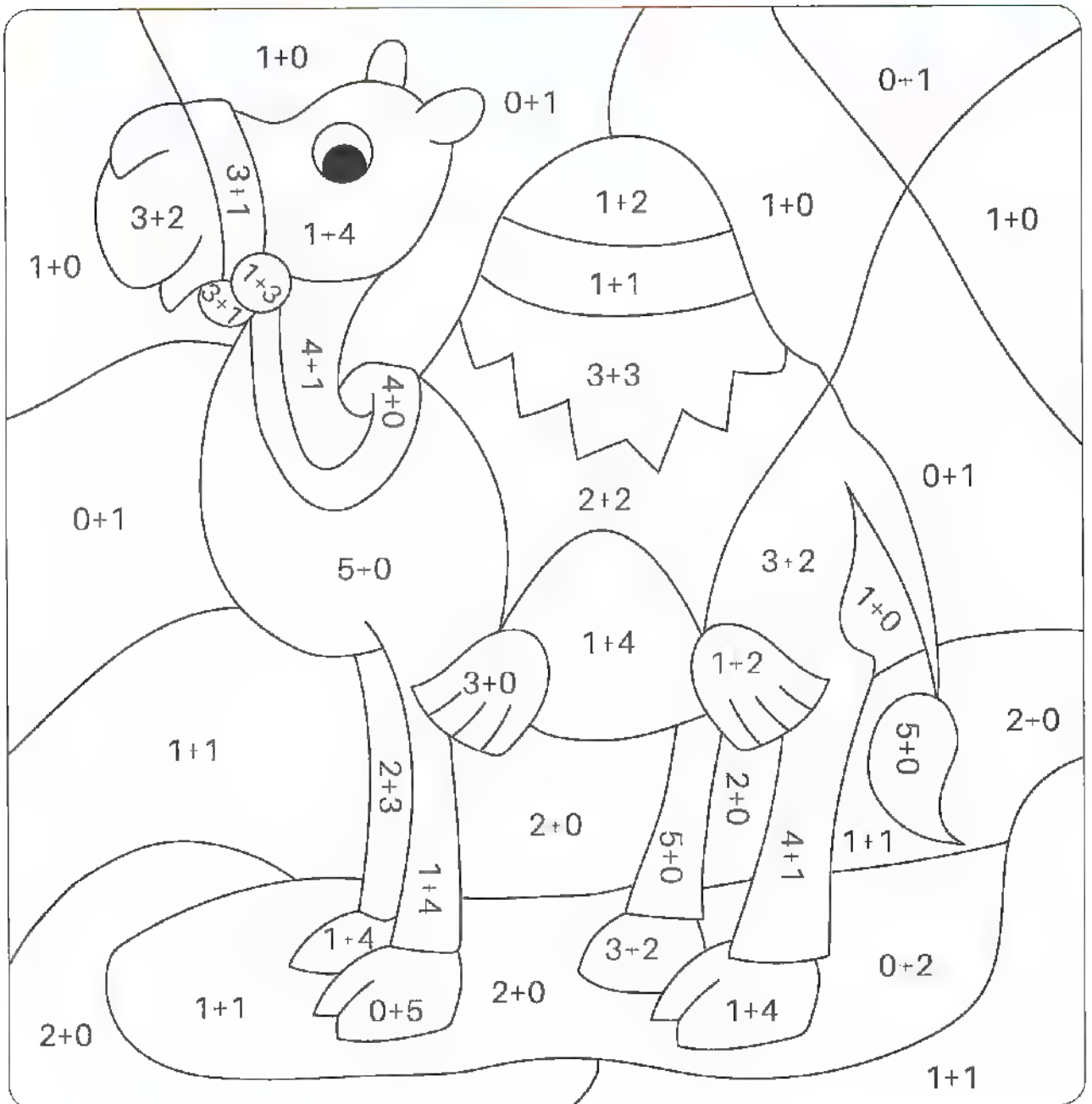
**Yellow** 9

**Green** 10





Add. Color the picture according to the answers.



# CHAPTER

# 6

## • Outcomes of lessons

### ► Lessons 41 to 43

- Participate in calendar math activities.
- Count by ones and tens up to 35.
- Read and write numerals up to 35.
- Demonstrate understanding of the relationship between numbers and quantities up to 35.
- Subtract within 10 using objects and drawings.

### ► Lessons 44 to 46

- Participate in calendar math activities.
- Count by ones and tens up to 40.
- Read and write numerals up to 40.
- Demonstrate understanding of the relationship between numbers and quantities up to 40.
- Compare numbers from 0 to 20 using symbols  $>$ ,  $<$  and  $=$ .
- Apply strategies to find the difference between two numbers.

### ► Lessons 47 & 48

- Participate in calendar math activities.
- Read and write numerals up to 40.
- Apply strategies to solve addition and subtraction problems.

### ► Lessons 49 & 50

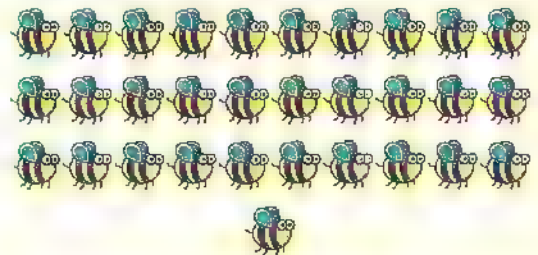
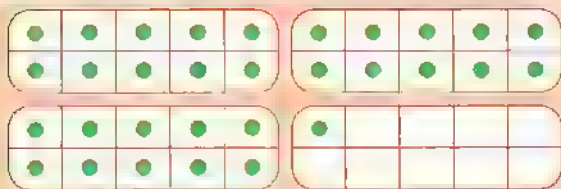
- Participate in calendar math activities.
- Count by ones and tens up to 40.
- Solve addition problems to create fact families.
- Identify patterns in fact families.



# Lesson 41 to 43

- Numbers from 31 to 35
- Subtracting within 10

## 31 Thirty-one



3 sets of ten and 1 extra one



Trace and write.

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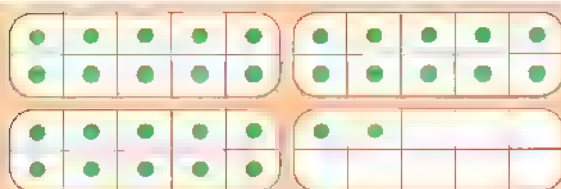
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## 32 Thirty-two



3 sets of ten and 2 extra ones



Trace and write.

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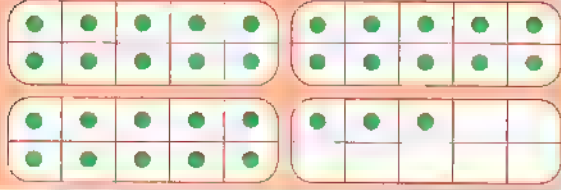
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- Ask your child to draw 32 circles and write the numbers from 1 to 32



# 33 Thirty-three



3 sets of ten and 3 extra ones



Trace and write.

---

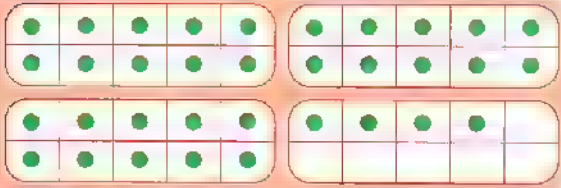


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# 34 Thirty-four



3 sets of ten and 4 extra ones



Trace and write.

---



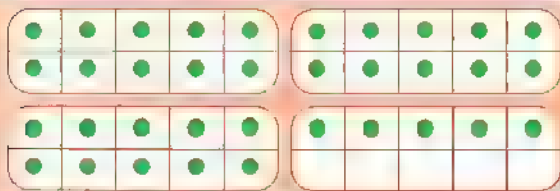
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• Have fun finding things to count at home like pasta and beans.

# 35 Thirty-five



3 sets of ten and 5 extra ones



Trace and write.

35 35 35 35 35

## Subtracting within 10



Write :  $\boxed{6} - \boxed{2} = \boxed{4}$   
 Say : 6 minus 2 equals 4

## More Examples



$$3 - 1 = 2$$



$$6 - 3 = 3$$



$$5 - 4 = 1$$

# Exercise

## 18


On Lessons 41 to 43

- Numbers from 31 to 35
- Subtracting within 10

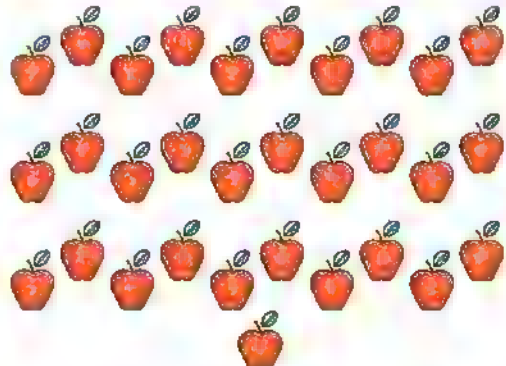
### Numbers from 31 to 35



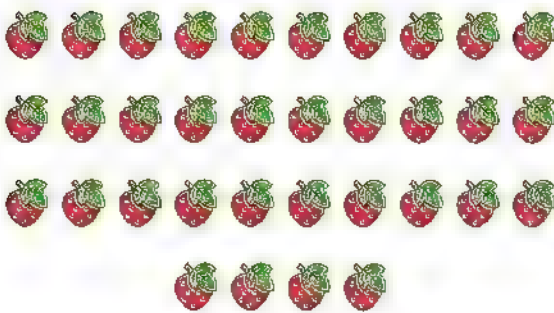
Count the objects, then choose the correct number.



23      30      32



30      31      29



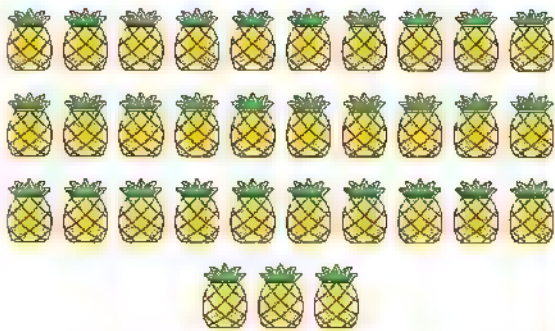
30      32      34



20      33      30



35      33      31



35      34      33



Match.

30

Thirty-two

12

Twenty-two

22

Thirty-three

33

Twelve

32

Thirty



Match.

25

Thirty-five

35

Twenty-eight

34

Thirty-one

31

Twenty-five

28

Thirty-four

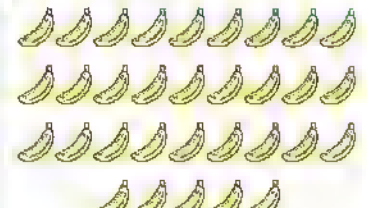


Count the fruits.

Then write the correct number in the box.



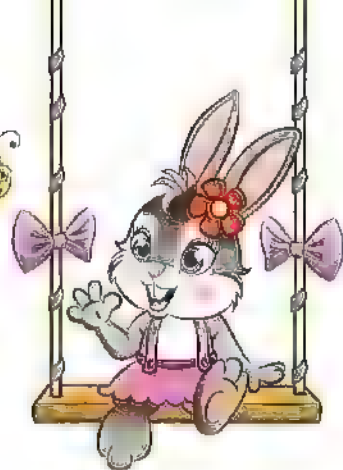












**Complete the missing numbers.**

- 29, 30, , , 33, ,
- 21, 22, 23, , , 26,
- 28, , 30, , 32, ,
- \_\_\_\_\_, 26, , 28, 29, ,



**Write the numbers from the smallest to the greatest.**

- 15 , 12 , 17 , 21 , 16  
 , , , ,
- 34 , 31 , 29 , 33 , 30  
 , , , ,
- 27 , 35 , 32 , 26 , 28  
 , , , ,
- 35 , 33 , 29 , 34 , 19  
 , , , ,



**Write the numbers from the greatest to the smallest.**

- 28 , 34 , 19 , 35 , 26  
 , , , ,
- 30 , 35 , 33 , 32 , 31  
 , , , ,
- 18 , 28 , 34 , 30 , 20  
 , , , ,
- 26 , 33 , 27 , 22 , 30  
 , , , ,





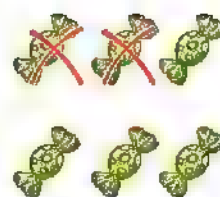
Subtract. Write the number of the left.



$$10 - 4 = \boxed{\phantom{00}}$$



$$8 - 3 = \boxed{\phantom{00}}$$



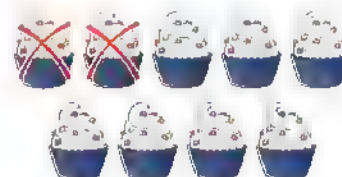
$$6 - 2 = \boxed{\phantom{00}}$$



$$3 - 1 = \boxed{\phantom{00}}$$



$$7 - 5 = \boxed{\phantom{00}}$$



$$9 - 2 = \boxed{\phantom{00}}$$



$$5 - 3 = \boxed{\phantom{00}}$$



$$10 - 3 = \boxed{\phantom{00}}$$



$$8 - 7 = \boxed{\phantom{00}}$$



$$4 - 2 = \boxed{\phantom{00}}$$



$$9 - 5 = \boxed{\phantom{00}}$$



$$10 - 5 = \boxed{\phantom{00}}$$



Cross out to subtract. Write how many are left.  
The first one is done for you.

$$\begin{array}{r} 6 \\ 6 - 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ 8 - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ 10 - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 3 - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 6 - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ 10 - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 2 - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ 9 - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ 8 - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ 7 - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 4 - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ 5 - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 6 - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ 10 - 1 \\ \hline \end{array}$$



Choose the correct answer.

- ☐  $8 - 3 =$  \_\_\_\_\_ ( 4 or 5 or 6 )
- ☐  $7 - 2 =$  \_\_\_\_\_ ( 5 or 6 or 7 )
- ☐  $6 - 5 =$  \_\_\_\_\_ ( 1 or 2 or 3 )
- ☐  $10 - 4 =$  \_\_\_\_\_ ( 5 or 6 or 8 )
- ☐  $9 - 4 =$  \_\_\_\_\_ ( 2 or 5 or 7 )
- ☐  $5 - 1 =$  \_\_\_\_\_ ( 2 or 3 or 4 )
- ☐  $10 - 5 =$  \_\_\_\_\_ ( 0 or 5 or 10 )
- ☐  $9 - 2 =$  \_\_\_\_\_ ( 7 or 6 or 5 )



Join.

$6 - 5 =$

$10 - 3 =$

$8 - 2 =$

$5 - 3 =$

$9 - 4 =$





Subtract.

$$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$$

$$9 - 1 = \underline{\quad}$$

$$10 - 9 = \underline{\quad}$$

$$8 - 8 = \underline{\quad}$$

$$5 - 3 = \underline{\quad}$$

$$9 - 5 = \underline{\quad}$$

$$10 - 4 = \underline{\quad}$$

$$10 - 2 = \underline{\quad}$$

$$4 - 3 = \underline{\quad}$$

$$6 - 3 = \underline{\quad}$$

$$7 - 4 = \underline{\quad}$$

$$9 - 3 = \underline{\quad}$$

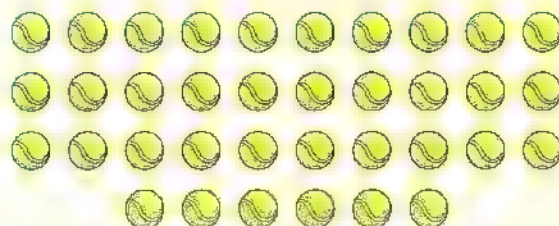
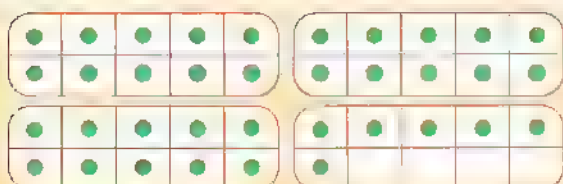
$$10 - 5 = \underline{\quad}$$

Place  
a smiley  
face

- Numbers from 36 to 40
- Subtracting within 10 using the number line

# 36

Thirty-six



3 sets of ten and 6 extra ones



Trace and write.

# 37

Thirty-seven



3 sets of ten and 7 extra ones

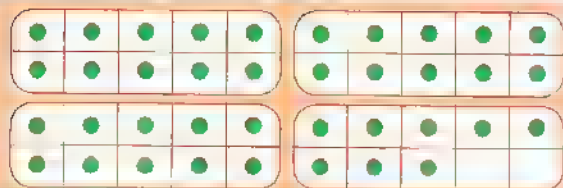


Trace and write.



# 38

## Thirty-eight



3 sets of ten and 8 extra ones

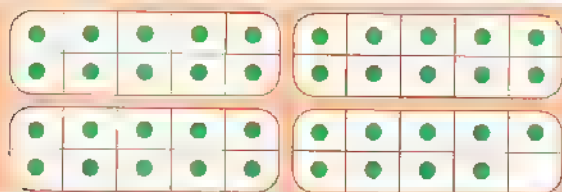


Trace and write.

Tracing practice lines for the number 38.

# 39

## Thirty-nine



3 sets of ten and 9 extra ones

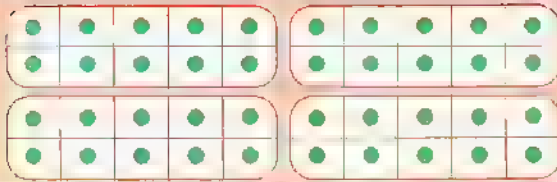


Trace and write.

Tracing practice lines for the number 39.

• Ask your child to count from 30 to 39 by ones.

# 40 Forty



4 sets of ten



Trace and write.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

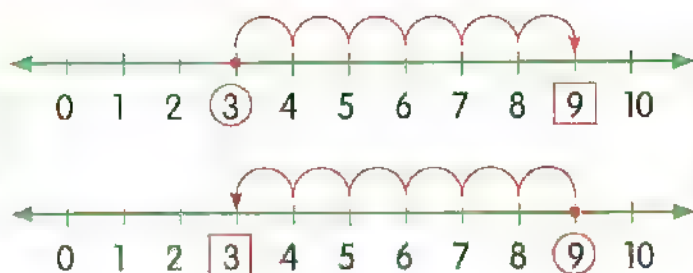
\_\_\_\_\_

## Subtracting within 10 using the number line

A number line can help find **differences**.



$$9 - 3 = 6$$



$$\begin{array}{r} 9 \\ - 3 \\ \hline 6 \end{array}$$

Kangaroo makes **6** jumps forward from 3 to 9  
or makes **6** jumps backward from 9 to 3

- Give your child 40 small objects and ask him/her to set them in 4 sets of 10 to show 40.
- Help your child to use a number line to find the difference between two numbers within 10.

# Exercise

## 19

On Lessons 44 to 46

- Numbers from 36 to 40
- Subtracting within 10 using the number line

### Numbers from 36 to 40



Circle the objects in groups of ten, then circle the correct number of all objects.



38      37      36



32      34      36



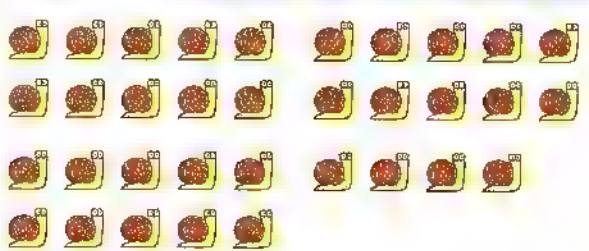
40      30      34



36      35      37



40      39      38



34      38      39



38      35      33



38      39      40




Circle the objects in groups of ten, then write how many are there in all.



Two groups of 10 pink stars each, arranged in two rows of five.

\_\_\_\_\_

\_\_\_\_\_



Two groups of 10 red seashells each, arranged in two rows of five.

\_\_\_\_\_

\_\_\_\_\_



Two groups of 10 penguins each, arranged in two rows of five.

\_\_\_\_\_

\_\_\_\_\_



Two groups of 10 yellow fish each, arranged in two rows of five.

\_\_\_\_\_


\_\_\_\_\_



Two groups of 10 blue fish each, arranged in two rows of five.

\_\_\_\_\_

\_\_\_\_\_



Two groups of 10 red ladybugs each, arranged in two rows of five.

\_\_\_\_\_

\_\_\_\_\_





Complete using ( $>$ ,  $<$  or  $=$ ).

$35 \bigcirc 31$

$19 \bigcirc 40$

$18 \bigcirc 28$

$36 \bigcirc 39$

$25 \bigcirc 32$

$37 \bigcirc 28$

$29 \bigcirc 37$

$14 \bigcirc 41$

$35 \bigcirc 27$

$19 \bigcirc 20$

$38 \bigcirc 40$

$0 \bigcirc 1$

$36 \bigcirc 29$

$9 \bigcirc 10$

$30 \bigcirc 40$



Write the number that comes just before.

\_\_\_\_\_ 23

\_\_\_\_\_ 34

\_\_\_\_\_ 20

\_\_\_\_\_ 17

\_\_\_\_\_ 29

\_\_\_\_\_ 36

\_\_\_\_\_ 40

\_\_\_\_\_ 37

\_\_\_\_\_ 38



Write the number that comes just after.

15 \_\_\_\_\_

37 \_\_\_\_\_

9 \_\_\_\_\_

26 \_\_\_\_\_

13 \_\_\_\_\_

31 \_\_\_\_\_

36 \_\_\_\_\_

38 \_\_\_\_\_

39 \_\_\_\_\_





Write the numbers from the smallest to the greatest.

○ 36 , 29 , 38 , 31 , 30  
 \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

○ 39 , 32 , 40 , 37 , 33  
 \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

○ 40 , 20 , 30 , 10 , 23  
 \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

○ 35 , 37 , 34 , 36 , 28  
 \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



Write the numbers from the greatest to the smallest.

○ 24 , 9 , 37 , 27 , 18  
 \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

○ 37 , 39 , 36 , 40 , 38  
 \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

○ 29 , 30 , 35 , 21 , 37  
 \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

○ 33 , 22 , 20 , 39 , 26  
 \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



Complete the missing numbers.

○ 34 , 35 , \_\_\_\_\_ , 37 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

○ 29 , \_\_\_\_\_ , \_\_\_\_\_ , 32 , \_\_\_\_\_ , 34 , 35 , \_\_\_\_\_

○ 24 , \_\_\_\_\_ , 26 , 27 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

○ \_\_\_\_\_ , 20 , 21 , \_\_\_\_\_ , \_\_\_\_\_ , 24 , \_\_\_\_\_



# Subtracting within 10 using the number line



Find the differences. Use the number line if you need to.



$$8 - 3 = \underline{\quad}$$

$$7 - 2 = \underline{\quad}$$

$$9 - 5 = \underline{\quad}$$

$$10 - 4 = \underline{\quad}$$

$$9 - 1 = \underline{\quad}$$

$$7 - 5 = \underline{\quad}$$

$$6 - 0 = \underline{\quad}$$

$$8 - 4 = \underline{\quad}$$

$$10 - 9 = \underline{\quad}$$

$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 0 \\ \hline \end{array}$$



## Subtract.

$7 - 2 = \underline{\quad}$

$8 - 7 = \underline{\quad}$

$6 - 2 = \underline{\quad}$

$9 - 5 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

$4 - 4 = \underline{\quad}$

$2 - 1 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

4

$- 1$

6

$- 3$

1

$- 0$

8

$- 3$

5

$- 5$

9

$- 2$

10

$- 3$

5

$- 3$

7

$- 6$

4

$- 2$



Write (✓) for the correct statement and (X) to the incorrect statement.

$8 - 3 = 6$

( )

$10 - 1 = 9$

( )

$9 - 4 = 5$

( )

$4 - 2 = 2$

( )

$5 - 5 = 10$

( )

$7 - 2 = 5$

( )

$6 - 4 = 2$

( )

$9 - 7 = 3$

( )



Find the difference between.  
The first one is done for you.

2 and 5

$$\boxed{5} - \boxed{2} = \boxed{3}$$

7 and 3

$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

5 and 10

$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

2 and 6

$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

To find the difference, put the  
**greater number** in the first  
place.



1 and 9

$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

8 and 4

$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$

4 and 0

$$\boxed{\phantom{0}} - \boxed{\phantom{0}} = \boxed{\phantom{0}}$$



Find the results. Compare the results using ( $>$ ,  $<$  or  $=$ ).

$$7 - 3 \bigcirc 7 + 3$$

$$2 + 4 \bigcirc 5 - 1$$

$$8 - 5 \bigcirc 0 + 3$$

$$6 - 2 \bigcirc 2 + 2$$

$$9 - 8 \bigcirc 5 - 5$$

$$10 - 4 \bigcirc 3 + 4$$

Place  
a smiley  
face

- The relation between addition and subtraction (Fact families)
- Subtraction Word problems

## Fact families

$$6 + 4 = 10$$

$$4 + 6 = 10$$

$$10 - 4 = 6$$

$$10 - 6 = 4$$



Addition and subtraction are opposites.

The addition and subtraction facts are related in a fact family. All the facts use the same numbers.

## More Examples

$$4 + 3 = 7$$

$$3 + 4 = 7$$

$$7 - 4 = 3$$

$$7 - 3 = 4$$

$$1 + 5 = 6$$

$$5 + 1 = 6$$

$$6 - 5 = 1$$

$$6 - 1 = 5$$

$$8 + 0 = 8$$

$$0 + 8 = 8$$

$$8 - 0 = 8$$

$$8 - 8 = 0$$

$$3 + 7 = 10$$

$$7 + 3 = 10$$

$$10 - 7 = 3$$

$$10 - 3 = 7$$



- Ask your child to bring 10 small objects and a cup then hide some of these objects under the cup, then ask your child to calculate the number of hidden object by subtracting the number of left objects from 10.



## Subtraction word problems

Mariam has 7 , she gives 3  to Salma.

How many  does Mariam have now ?



What Mariam has =  $\boxed{7} - \boxed{3} = \boxed{4}$  

### Example 1

Sherif is 8 years old. His brother Bassem is 4 years old.

Find the difference between their ages.

**Solution**



The difference =  $\boxed{8} - \boxed{4} = \boxed{4}$  years.



### Example 2

There were 5  on a tree. 2 of them flew away.

How many  are left ?

**Solution**



The left =  $\boxed{5} - \boxed{2} = \boxed{3}$  



- Tell a subtraction story for 9-1, then write the numbers to solve the subtraction problem.
- Ask your child to draw a number line from 0 to 10 to help him/her for solving subtraction problems.

# Exercise 20

On Lessons 47 & 48

- The relation between addition and subtraction (Fact families)
- Subtraction word problems

## Fact families



Write the result.

$2 + 6 =$

$4 + 2 =$

$3 + 6 =$

$9 + 1 =$

$6 + 2 =$

$2 + 4 =$

$6 + 3 =$

$1 + 9 =$

$8 - 6 =$

$6 - 4 =$

$9 - 3 =$

$10 - 1 =$

$8 - 2 =$

$6 - 2 =$

$9 - 6 =$

$10 - 9 =$

$5 + 2 =$

$1 + 2 =$

$7 + 2 =$

$8 + 1 =$

$2 + 5 =$

$2 + 1 =$

$2 + 7 =$

$1 + 8 =$

$7 - 5 =$

$3 - 2 =$

$9 - 7 =$

$9 - 8 =$

$7 - 2 =$

$3 - 1 =$

$9 - 2 =$

$9 - 1 =$

$5 + 1 =$

$4 + 3 =$

$6 + 1 =$

$7 + 3 =$

$1 + 5 =$

$3 + 4 =$

$1 + 6 =$

$3 + 7 =$

$6 - 1 =$

$7 - 3 =$

$7 - 1 =$

$10 - 3 =$

$6 - 5 =$

$7 - 4 =$

$7 - 6 =$

$10 - 7 =$

$5 + 4 =$

$8 + 2 =$

$3 + 1 =$

$5 + 3 =$

$4 + 5 =$

$2 + 8 =$

$1 + 3 =$

$3 + 5 =$

$9 - 4 =$

$10 - 2 =$

$4 - 3 =$

$8 - 3 =$

$9 - 5 =$

$10 - 8 =$

$4 - 1 =$

$8 - 5 =$



Write a pair of addition and subtraction facts for each group of numbers. The first one is done for you.

4    1    5	6    2    8	2    7    9	2    5    7
$4 + 1 = 5$	$+ =$	$+ =$	$+ =$
$1 + 4 = 5$	$+ =$	$+ =$	$+ =$
$5 - 4 = 1$	$- =$	$- =$	$- =$
$5 - 1 = 4$	$- =$	$- =$	$- =$

1    2    3	4    2    6	3    7    10	3    1    4
$+ =$	$+ =$	$+ =$	$+ =$
$+ =$	$+ =$	$+ =$	$+ =$
$- =$	$- =$	$- =$	$- =$
$- =$	$- =$	$- =$	$- =$

5    4    9	4    3    7	7    1    8	8    2    10
$+ =$	$+ =$	$+ =$	$+ =$
$+ =$	$+ =$	$+ =$	$+ =$
$- =$	$- =$	$- =$	$- =$
$- =$	$- =$	$- =$	$- =$



Complete.

$5 + 2 = 7$

$7 - 5 = \underline{\quad}$

$7 - 2 = \underline{\quad}$

$4 + 6 = \underline{\quad}$

$10 - 6 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

$1 + 8 = \underline{\quad}$

$9 - 8 = \underline{\quad}$

$9 - 1 = \underline{\quad}$

$3 + 0 = \underline{\quad}$

$3 - 0 = \underline{\quad}$

$3 - 3 = \underline{\quad}$

$2 + 4 = \underline{\quad}$

$6 - 2 = \underline{\quad}$

$6 - 4 = \underline{\quad}$

$7 + 1 = \underline{\quad}$

$8 - 7 = \underline{\quad}$

$8 - 1 = \underline{\quad}$



Complete.

$3 + 2 = 5$

$5 + 3 = 8$

$1 + 3 = \underline{\quad}$

$5 - 3 = \underline{\quad}$

$8 - 5 = \underline{\quad}$

$4 - 3 = \underline{\quad}$

$1 + 2 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

$6 + 2 = \underline{\quad}$

$3 - 2 = \underline{\quad}$

$8 - 4 = \underline{\quad}$

$8 - 6 = \underline{\quad}$

$5 + 4 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$6 + 2 = \underline{\quad}$

$9 - 5 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$7 - 1 = \underline{\quad}$

$2 + 1 = \underline{\quad}$

$1 + 5 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$3 - 2 = \underline{\quad}$

$6 - 5 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

## Subtraction word problems



Solve each of the following problems.

There are 6 eggs on a shelf. 4 eggs of them fell off.  
How many eggs were left ?

The left eggs =  —  =  eggs.

Sameh has 10 balloons and his brother Ashraf has 6 balloons.

Find the difference between what they have.

The difference =  —  =  balloons.

Martin has 9 books. Yahia has 3 books.

How many more books does Martin have than Yahia ?

The number of books =  —  =  books.

Perry had 7 pies. She gave 2 pies to Andy.

How many pies does Perry have left ?

The left pies =  —  =  pies.



Ahmed has **10** pounds. If he bought sweets for **3** pounds.  
**What is the remainder with him ?**



The remainder =  —  =  pounds.

There are **9** pupils in a school bus. **5** of them are boys.

**What is the number of girls ?**



The number of girls =  —  =  girls.

**8** cars were in the cars park. If **6** cars went away.

**How many cars are there in the cars park now ?**



The number of cars in the park now =  —  =  cars.

John has **7** marbles. His friend Mark has **4** marbles.

**How many more marbles does John have ?**



What John has more than Mark =  —  =  marbles.

Place  
a smiley  
face

Family

**1**

$$\begin{aligned} 1 + 0 &= 1 \\ 1 + 1 &= 2 \\ 1 + 2 &= 3 \\ 1 + 3 &= 4 \\ 1 + 4 &= 5 \\ 1 + 5 &= 6 \\ 1 + 6 &= 7 \\ 1 + 7 &= 8 \\ 1 + 8 &= 9 \\ 1 + 9 &= 10 \\ 1 + 10 &= 11 \end{aligned}$$



Family

**2**

$$\begin{aligned} 2 + 0 &= 2 \\ 2 + 1 &= 3 \\ 2 + 2 &= 4 \\ 2 + 3 &= 5 \\ 2 + 4 &= 6 \\ 2 + 5 &= 7 \\ 2 + 6 &= 8 \\ 2 + 7 &= 9 \\ 2 + 8 &= 10 \\ 2 + 9 &= 11 \\ 2 + 10 &= 12 \end{aligned}$$



Family

**3**

$$\begin{aligned} 3 + 0 &= 3 \\ 3 + 1 &= 4 \\ 3 + 2 &= 5 \\ 3 + 3 &= 6 \\ 3 + 4 &= 7 \\ 3 + 5 &= 8 \\ 3 + 6 &= 9 \\ 3 + 7 &= 10 \\ 3 + 8 &= 11 \\ 3 + 9 &= 12 \\ 3 + 10 &= 13 \end{aligned}$$



Family

**4**

$$\begin{aligned} 4 + 0 &= 4 \\ 4 + 1 &= 5 \\ 4 + 2 &= 6 \\ 4 + 3 &= 7 \\ 4 + 4 &= 8 \\ 4 + 5 &= 9 \\ 4 + 6 &= 10 \\ 4 + 7 &= 11 \\ 4 + 8 &= 12 \\ 4 + 9 &= 13 \\ 4 + 10 &= 14 \end{aligned}$$



Family

**5**

$$\begin{aligned} 5 + 0 &= 5 \\ 5 + 1 &= 6 \\ 5 + 2 &= 7 \\ 5 + 3 &= 8 \\ 5 + 4 &= 9 \\ 5 + 5 &= 10 \\ 5 + 6 &= 11 \\ 5 + 7 &= 12 \\ 5 + 8 &= 13 \\ 5 + 9 &= 14 \\ 5 + 10 &= 15 \end{aligned}$$



## Notes for parents

- Practice your child find the pattern in addition fact families.

Family

6



$$\begin{aligned} 6 + 0 &= 6 \\ 6 + 1 &= 7 \\ 6 + 2 &= 8 \\ 6 + 3 &= 9 \\ 6 + 4 &= 10 \\ 6 + 5 &= 11 \\ 6 + 6 &= 12 \\ 6 + 7 &= 13 \\ 6 + 8 &= 14 \\ 6 + 9 &= 15 \\ 6 + 10 &= 16 \end{aligned}$$

Family

7



$$\begin{aligned} 7 + 0 &= 7 \\ 7 + 1 &= 8 \\ 7 + 2 &= 9 \\ 7 + 3 &= 10 \\ 7 + 4 &= 11 \\ 7 + 5 &= 12 \\ 7 + 6 &= 13 \\ 7 + 7 &= 14 \\ 7 + 8 &= 15 \\ 7 + 9 &= 16 \\ 7 + 10 &= 17 \end{aligned}$$

Family

8



$$\begin{aligned} 8 + 0 &= 8 \\ 8 + 1 &= 9 \\ 8 + 2 &= 10 \\ 8 + 3 &= 11 \\ 8 + 4 &= 12 \\ 8 + 5 &= 13 \\ 8 + 6 &= 14 \\ 8 + 7 &= 15 \\ 8 + 8 &= 16 \\ 8 + 9 &= 17 \\ 8 + 10 &= 18 \end{aligned}$$

Family

9



$$\begin{aligned} 9 + 0 &= 9 \\ 9 + 1 &= 10 \\ 9 + 2 &= 11 \\ 9 + 3 &= 12 \\ 9 + 4 &= 13 \\ 9 + 5 &= 14 \\ 9 + 6 &= 15 \\ 9 + 7 &= 16 \\ 9 + 8 &= 17 \\ 9 + 9 &= 18 \\ 9 + 10 &= 19 \end{aligned}$$

Family

10



$$\begin{aligned} 10 + 0 &= 10 \\ 10 + 1 &= 11 \\ 10 + 2 &= 12 \\ 10 + 3 &= 13 \\ 10 + 4 &= 14 \\ 10 + 5 &= 15 \\ 10 + 6 &= 16 \\ 10 + 7 &= 17 \\ 10 + 8 &= 18 \\ 10 + 9 &= 19 \\ 10 + 10 &= 20 \end{aligned}$$



• Play with your child counting games, for example . say a number and let your child say the number that comes just after,... and so on.

# Exercise

# 21

## Addition fact family

On Lessons 49 & 50

### 1 Family

$1 + 0 =$	$1 + 1 =$
$1 + 2 =$	$1 + 3 =$
$1 + 4 =$	$1 + 5 =$
$1 + 6 =$	$1 + 7 =$
$1 + 8 =$	$1 + 9 =$
$1 + 10 =$	

### 2 Family

$2 + 0 =$	$2 + 1 =$
$2 + 2 =$	$2 + 3 =$
$2 + 4 =$	$2 + 5 =$
$2 + 6 =$	$2 + 7 =$
$2 + 8 =$	$2 + 9 =$
$2 + 10 =$	

### 3 Family

$3 + 0 =$	$3 + 1 =$
$3 + 2 =$	$3 + 3 =$
$3 + 4 =$	$3 + 5 =$
$3 + 6 =$	$3 + 7 =$
$3 + 8 =$	$3 + 9 =$
$3 + 10 =$	

### 4 Family

$4 + 0 =$	$4 + 1 =$
$4 + 2 =$	$4 + 3 =$
$4 + 4 =$	$4 + 5 =$
$4 + 6 =$	$4 + 7 =$
$4 + 8 =$	$4 + 9 =$
$4 + 10 =$	

### 5 Family

$5 + 0 =$	$5 + 1 =$
$5 + 2 =$	$5 + 3 =$
$5 + 4 =$	$5 + 5 =$
$5 + 6 =$	$5 + 7 =$
$5 + 8 =$	$5 + 9 =$
$5 + 10 =$	

### 6 Family

$6 + 0 =$	$6 + 1 =$
$6 + 2 =$	$6 + 3 =$
$6 + 4 =$	$6 + 5 =$
$6 + 6 =$	$6 + 7 =$
$6 + 8 =$	$6 + 9 =$
$6 + 10 =$	

### 7 Family

$7 + 0 =$	$7 + 1 =$
$7 + 2 =$	$7 + 3 =$
$7 + 4 =$	$7 + 5 =$
$7 + 6 =$	$7 + 7 =$
$7 + 8 =$	$7 + 9 =$
$7 + 10 =$	

### 8 Family

$8 + 0 =$	$8 + 1 =$
$8 + 2 =$	$8 + 3 =$
$8 + 4 =$	$8 + 5 =$
$8 + 6 =$	$8 + 7 =$
$8 + 8 =$	$8 + 9 =$
$8 + 10 =$	

### 9 Family

$9 + 0 =$	$9 + 1 =$
$9 + 2 =$	$9 + 3 =$
$9 + 4 =$	$9 + 5 =$
$9 + 6 =$	$9 + 7 =$
$9 + 8 =$	$9 + 9 =$
$9 + 10 =$	

### 10 Family

$10 + 0 =$	$10 + 1 =$
$10 + 2 =$	$10 + 3 =$
$10 + 4 =$	$10 + 5 =$
$10 + 6 =$	$10 + 7 =$
$10 + 8 =$	$10 + 9 =$
$10 + 10 =$	





Write the missing numbers using the fact families.

6, 7, 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, 4, \_\_\_\_\_, 6, \_\_\_\_\_, \_\_\_\_\_, 9

5, 6, 7, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

12, \_\_\_\_\_, 14, 15, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, 11, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 16

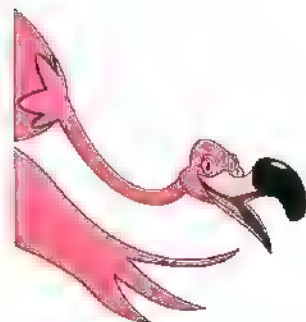
1, 2, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 7

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 7, 8, \_\_\_\_\_, 10

\_\_\_\_\_, \_\_\_\_\_, 9, 10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 7, 8, \_\_\_\_\_

\_\_\_\_\_, 13, 14, \_\_\_\_\_, \_\_\_\_\_, 17, \_\_\_\_\_



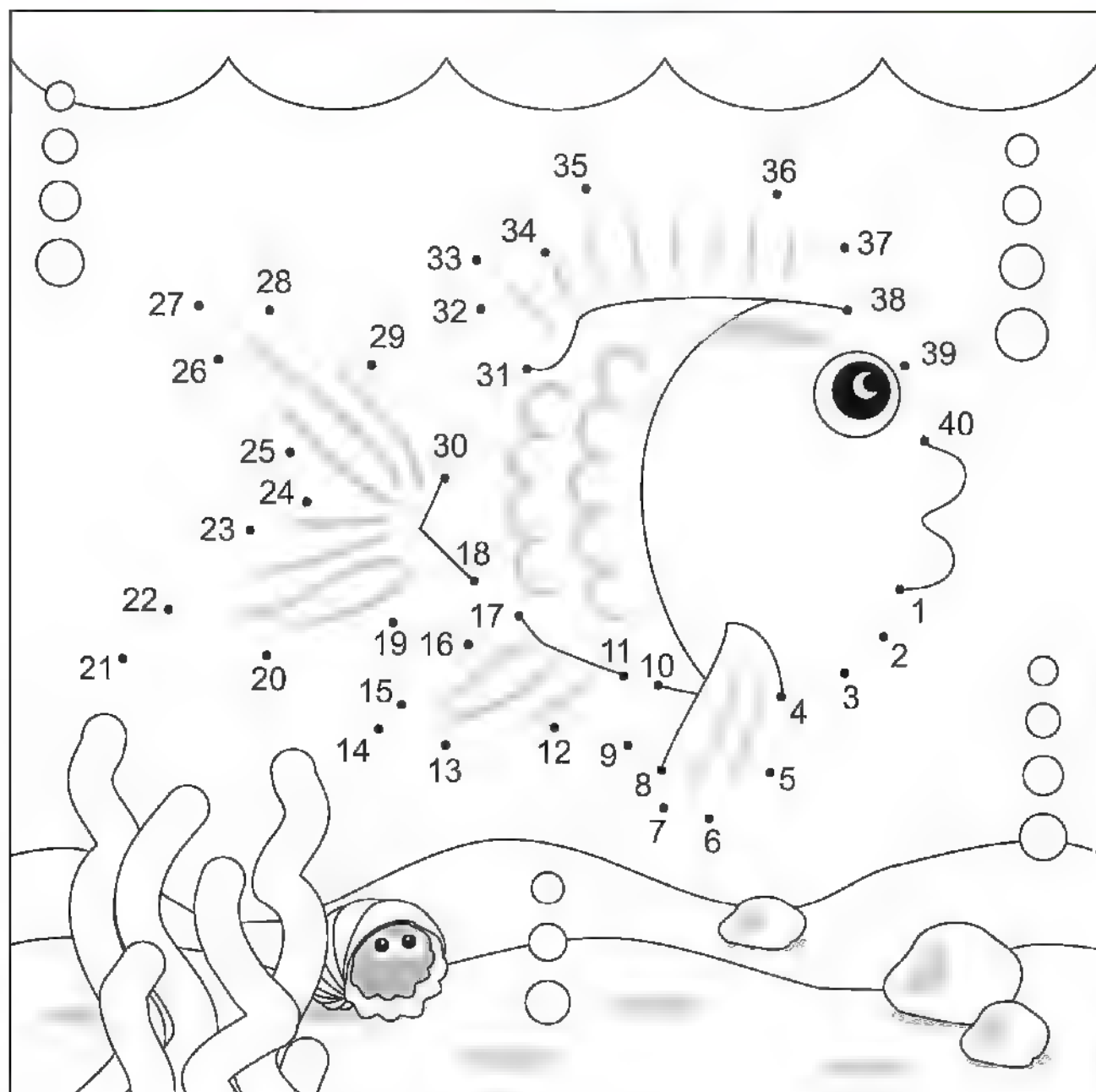
Place  
a smiley  
face





Connect numbers from 1 to 40.

What do you see ?





# CHAPTER

# 7

## • Outcomes of lessons

### ► Lessons 51 & 52

- Participate in calendar math activities.
- Analyze number patterns in the hundred chart.
- Count by ones up to 100.
- Apply strategies to add and subtract within 10.
- Tell time to the hour on an analog clock.
- Compare objects in a set to identify one that does not belong.

### ► Lessons 53 & 54

- Participate in calendar math activities.
- Read and write numbers from 41 to 49.
- Read and write time to the hour on analog and digital clocks.

### ► Lessons 55 & 56

- Participate in calendar math activities.
- Read and write numbers from 50 to 69.
- Count by ones and tens up to 69.
- Solve subtraction problems to create fact families.

### ► Lessons 57 to 60

- Participate in calendar math activities.
- Read and write numbers from 70 to 100.
- Solve addition problems within 20.
- Solve subtraction problems within 20.
- Describe strategies for solving challenging addition problems.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



- ### For Example

- The numbers that contain a 5 are : 5 , 15 , 25 , 35 , 45 , 50 , 51 , 52 , 53 , 54 , 55 , 56 , 57 , 58 , 59 , 65 , 75 , 85 , 95
- The numbers with two identical digits are : 11 , 22 , 33 , 44 , 55 , 66 , 77 , 88 , 99

## Add & Subtract within 10 using number chart

$$2 + 3$$

Start from 2  
and make

**3 forward**

jumps, you will  
reach 5

$$2 + 3 = 5$$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

$$10 - 4$$

Start from 10  
and make

**4 backward**

jumps, you will  
reach 6

$$10 - 4 = 6$$

### More Examples

$$\bullet \quad 2 + 8 = 10$$

$$\bullet \quad 9 - 4 = 5$$

$$\bullet \quad 8 - 3 = 5$$

$$\bullet \quad 1 + 7 = 8$$

$$\bullet \quad 6 - 2 = 4$$

$$\bullet \quad 9 + 1 = 10$$

$$\bullet \quad 7 - 3 = 4$$

$$\bullet \quad 5 - 3 = 2$$

• Ask your child to tell you the sum and the difference between two numbers using the number chart.



## Telling time Analog clock

The long hand is the minute hand

The short hand is the hour hand



**7 O'CLOCK**

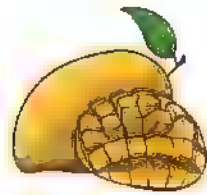


- When the minute hand points to the 12 , we say o'clock.
- The hour hand is pointing to the 7.  
It is 7 o'clock
- The day is 24 hours.
- If it is in the morning, we say that 7 A.M.
- If it is in the afternoon, we say that 7 P.M.



## Belongs / Does not belong

### Fruits

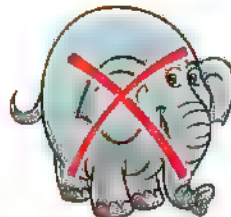


### More Examples

#### Wild animals



#### Pets



#### Flowers



- Make groups of object that are alike in someway, such as kitchen too s include an object that does not belong
- Ask your child to tell what does not belong and explain why.

# Exercise

## 22

On Lessons 51 & 52

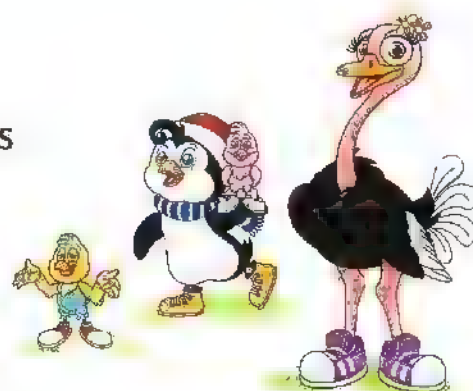
- Add / Subtract within 10 using number chart
- Telling time "Analog clock"
- Belongs / Does not belong



Use the number chart up to 100 to answer.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- Color all numbers that contain a 7
- Circle all numbers with two identical digits (Example : 55)
- Shade all numbers that contain a 0
- Underline the numbers with a first digit that is less than the second digit (Examples : 12 , 37)



## Adding & Subtracting within 10 using number chart



Use the number chart to choose the correct answer.

$$5 + 1 = \underline{\quad}$$

4      5      6

$$10 - 3 = \underline{\quad}$$

4      7      8

$$8 - 4 = \underline{\quad}$$

4      5      12

$$5 - 2 = \underline{\quad}$$

2      3      4

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

$$4 + 1 = \underline{\quad}$$

4      5      3

$$9 - 5 = \underline{\quad}$$

4      5      6

$$3 + 2 = \underline{\quad}$$

1      4      5



Use the number chart to find the results.

$$2 + 7 = \underline{\quad}$$

$$9 - 3 = \underline{\quad}$$

$$10 - 2 = \underline{\quad}$$

$$4 + 3 = \underline{\quad}$$

$$6 - 5 = \underline{\quad}$$

$$3 + 5 = \underline{\quad}$$

$$6 + 4 = \underline{\quad}$$

$$4 - 2 = \underline{\quad}$$

$$8 - 6 = \underline{\quad}$$

$$7 - 3 = \underline{\quad}$$

$$1 + 6 = \underline{\quad}$$

$$5 + 4 = \underline{\quad}$$

# Telling time "Analog clock"



Write the times below the clocks.



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock

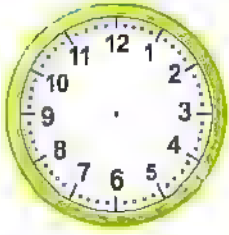


\_\_\_\_\_ o'clock

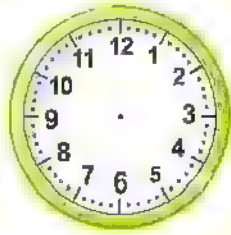




Draw the two hands of the clock.



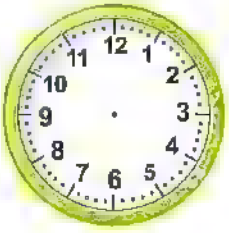
8 o'clock



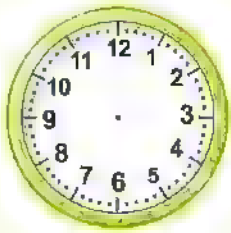
3 o'clock



10 o'clock



5 o'clock



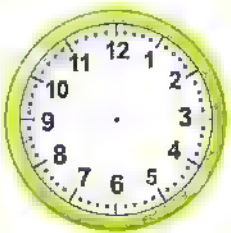
1 o'clock



4 o'clock



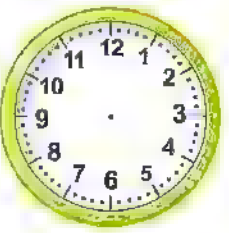
12 o'clock



2 o'clock



6 o'clock



7 o'clock



9 o'clock



11 o'clock



Write the number that tells the time of each activity.



I get up at \_\_\_\_\_ o'clock.



I go to school at \_\_\_\_\_ o'clock.



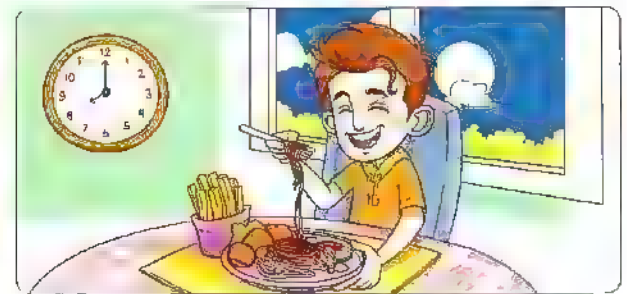
In the classroom at \_\_\_\_\_ o'clock.



I go back home at \_\_\_\_\_ o'clock.



Studying at home at \_\_\_\_\_ o'clock.



I have dinner at \_\_\_\_\_ o'clock.



Reading a bedtime story at \_\_\_\_\_ o'clock.

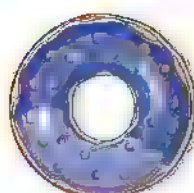
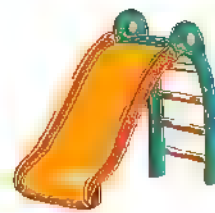
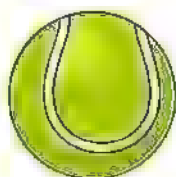


I sleep at \_\_\_\_\_ o'clock.

Belongs / Does not belong



Cross out (X) the picture that does **not belong** in each row.



Place  
a smiley  
face

Numbers from 41 to 49

41

Forty-one

42

Forty-two

43

Forty-three

44

Forty-four

45

Forty-five

46

Forty-six

47

Forty-seven

48

Forty-eight

49

Forty-nine



Write the numbers from 41 to 49.

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Digital clock and analog clock

Digital clock



4 o'clock

4:00

Analog clock



Both clocks show the same time.

- Ask your child to practice counting and writing numbers from 41 to 49
- Practice your child read digital and analog clocks to the hour.



# Exercise 23

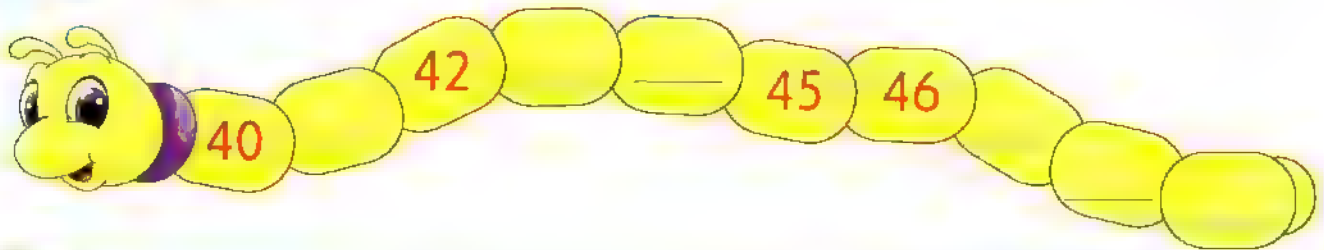
On Lessons 53 & 54

- Numbers from 41 to 49
- Digital clock and analog clock

## Numbers from 41 to 49



Complete.



Arrange in an ascending order.

- 47 , 27 , 37 , 49 , 41

The order is \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

- 29 , 48 , 39 , 43 , 40

The order is \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

- 36 , 43 , 34 , 25 , 46

The order is \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



Arrange in a descending order.

- 17 , 27 , 48 , 42 , 45

The order is \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

- 23 , 32 , 41 , 38 , 29

The order is \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

- 27 , 45 , 46 , 35 , 30

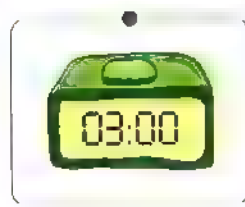
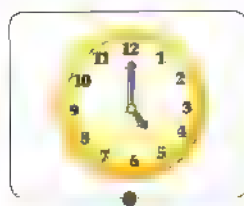
The order is \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



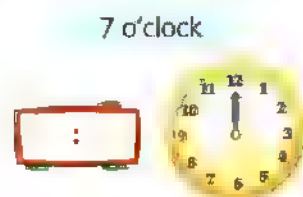
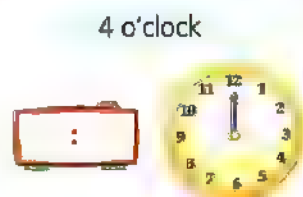
## Digital clock and analog clock



Match the clocks that show the same time.



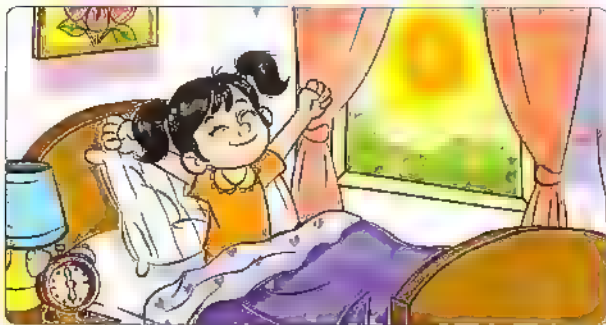
Draw the hour hand on the clock faces.  
Write the time on the digital clocks.





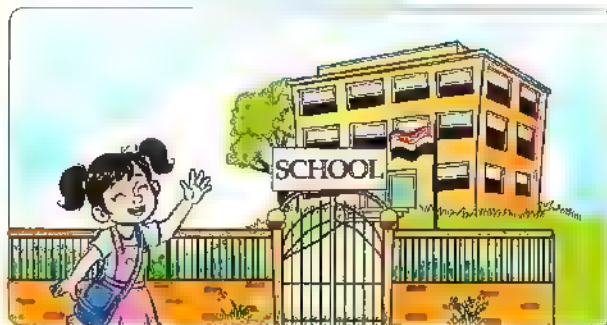
Ring the suitable time for each activity.

Waking up



01:00      06:00      11:00

Going to school



02:00      05:00      07:00

Doing homework



01:00      05:00      11:00

Brushing teeth before sleeping



03:00      12:00      09:00



Circle the clock that shows the same time.





Choose the time you would do each thing.  
Then color the times that match in the same color.

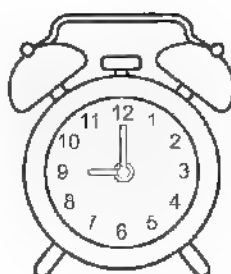
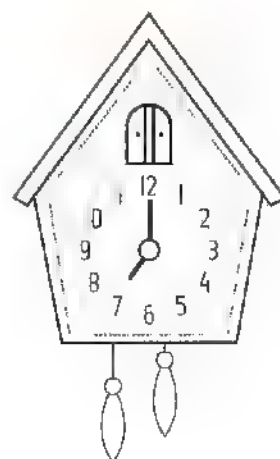
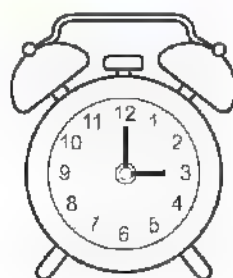
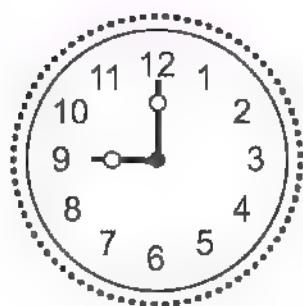
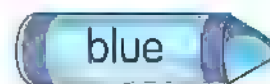
Go to sleep



Have lunch



Go to school



Place  
a smiley  
face

- Numbers from 50 to 69
- Using subtraction to create fact families

## Numbers from 50 to 59

50

Fifty

51

Fifty-one

52

Fifty-two

53

Fifty-three

54

Fifty-four

55

Fifty-five

56

Fifty-six

57

Fifty-seven

58

Fifty-eight

59

Fifty-nine



Write the numbers from 50 to 59.

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### Notes for parents

- Ask your child to name count numbers in order from 50 to 59.

## Numbers from 60 to 69

60

Sixty

61

Sixty-one

62

Sixty-two

63

Sixty-three

64

Sixty-four

65

Sixty-five

66

Sixty-six

67

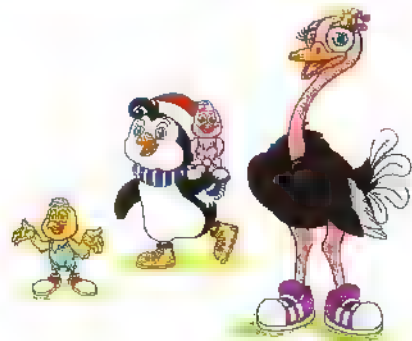
Sixty-seven

68

Sixty-eight

69

Sixty-nine



Write the numbers from 60 to 69.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- Ask your child to write numbers in large unshaded font, then color them.



## Using subtraction to create fact families

Family

$$1 - 0 = 1$$

$$1 - 1 = 0$$

1



Family

$$2 - 0 = 2$$

$$2 - 1 = 1$$

$$2 - 2 = 0$$

2



Family

$$3 - 0 = 3$$

$$3 - 1 = 2$$

$$3 - 2 = 1$$

$$3 - 3 = 0$$

3



Family

$$4 - 0 = 4$$

$$4 - 1 = 3$$

$$4 - 2 = 2$$

$$4 - 3 = 1$$

$$4 - 4 = 0$$

4



Family

$$5 - 0 = 5$$

$$5 - 1 = 4$$

$$5 - 2 = 3$$

$$5 - 3 = 2$$

$$5 - 4 = 1$$

$$5 - 5 = 0$$

5



Family

$$6 - 0 = 6$$

$$6 - 1 = 5$$

$$6 - 2 = 4$$

$$6 - 3 = 3$$

$$6 - 4 = 2$$

$$6 - 5 = 1$$

$$6 - 6 = 0$$

6



Family

$$7 - 0 = 7$$

$$7 - 1 = 6$$

$$7 - 2 = 5$$

$$7 - 3 = 4$$

$$7 - 4 = 3$$

$$7 - 5 = 2$$

$$7 - 6 = 1$$

$$7 - 7 = 0$$

7



Family

$$8 - 0 = 8$$

$$8 - 1 = 7$$

$$8 - 2 = 6$$

$$8 - 3 = 5$$

$$8 - 4 = 4$$

$$8 - 5 = 3$$

$$8 - 6 = 2$$

$$8 - 7 = 1$$

$$8 - 8 = 0$$

8



Family

$$9 - 0 = 9$$

$$9 - 1 = 8$$

$$9 - 2 = 7$$

$$9 - 3 = 6$$

$$9 - 4 = 5$$

$$9 - 5 = 4$$

$$9 - 6 = 3$$

$$9 - 7 = 2$$

$$9 - 8 = 1$$

$$9 - 9 = 0$$

9



Family

10



$$10 - 0 = 10$$

$$10 - 1 = 9$$

$$10 - 2 = 8$$

$$10 - 3 = 7$$

$$10 - 4 = 6$$

$$10 - 5 = 5$$

$$10 - 6 = 4$$

$$10 - 7 = 3$$

$$10 - 8 = 2$$

$$10 - 9 = 1$$

$$10 - 10 = 0$$



# Exercise

## 24

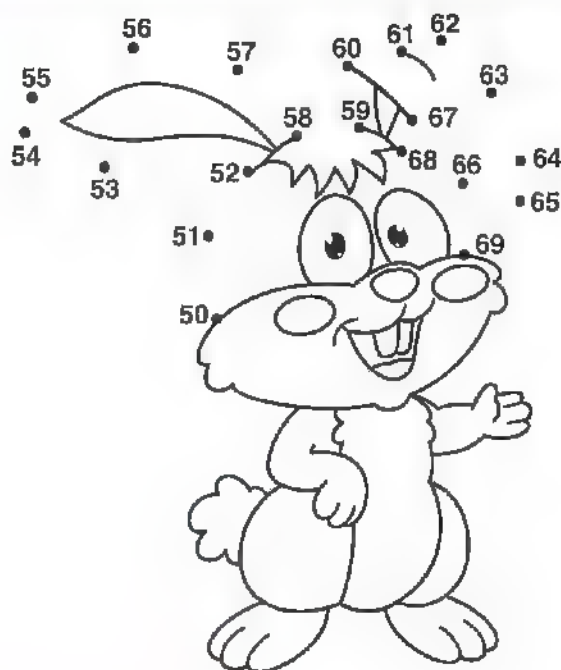
On Lessons 55 & 56

- Numbers from 50 to 69
- Using subtraction to create fact families

Numbers up to 69



Join the numbers in order. Color the picture.



What do you see? \_\_\_\_\_



Complete the missing numbers.

0	1			4				8	
	11					16			19
20					25				
							37		39
40		42							
				54		56			
60		62							69



Complete the missing numbers.





Write the number which comes just after.

54

61

59

66

52

67



Write the number which comes just before.

59

64

51

69

63

58



Put the suitable sign ( $>$ ,  $=$  or  $<$ ).

60  $\bigcirc$  59

58  $\bigcirc$  58

61  $\bigcirc$  57

65  $\bigcirc$  56

67  $\bigcirc$  49

63  $\bigcirc$  51

66  $\bigcirc$  55

50  $\bigcirc$  60

19  $\bigcirc$  52

64  $\bigcirc$  64

53  $\bigcirc$  62

69  $\bigcirc$  59



## Using subtraction to create fact families



Subtract to create fact families.

### 1 Family

$$1 - 0 = \underline{\quad} \quad 1 - 1 = \underline{\quad}$$

### 2 Family

$$\begin{array}{l} 2 - 0 = \underline{\quad} \quad 2 - 1 = \underline{\quad} \\ 2 - 2 = \underline{\quad} \end{array}$$

### 3 Family

$$\begin{array}{l} 3 - 0 = \underline{\quad} \quad 3 - 1 = \underline{\quad} \\ 3 - 2 = \underline{\quad} \quad 3 - 3 = \underline{\quad} \end{array}$$

### 4 Family

$$\begin{array}{l} 4 - 0 = \underline{\quad} \quad 4 - 1 = \underline{\quad} \\ 4 - 2 = \underline{\quad} \quad 4 - 3 = \underline{\quad} \\ 4 - 4 = \underline{\quad} \end{array}$$

### 5 Family

$$\begin{array}{l} 5 - 0 = \underline{\quad} \quad 5 - 1 = \underline{\quad} \\ 5 - 2 = \underline{\quad} \quad 5 - 3 = \underline{\quad} \\ 5 - 4 = \underline{\quad} \quad 5 - 5 = \underline{\quad} \end{array}$$

### 6 Family

$$\begin{array}{l} 6 - 0 = \underline{\quad} \quad 6 - 1 = \underline{\quad} \\ 6 - 2 = \underline{\quad} \quad 6 - 3 = \underline{\quad} \\ 6 - 4 = \underline{\quad} \quad 6 - 5 = \underline{\quad} \\ 6 - 6 = \underline{\quad} \end{array}$$

### 7 Family

$$\begin{array}{l} 7 - 0 = \underline{\quad} \quad 7 - 1 = \underline{\quad} \\ 7 - 2 = \underline{\quad} \quad 7 - 3 = \underline{\quad} \\ 7 - 4 = \underline{\quad} \quad 7 - 5 = \underline{\quad} \\ 7 - 6 = \underline{\quad} \quad 7 - 7 = \underline{\quad} \end{array}$$

### 8 Family

$$\begin{array}{l} 8 - 0 = \underline{\quad} \quad 8 - 1 = \underline{\quad} \\ 8 - 2 = \underline{\quad} \quad 8 - 3 = \underline{\quad} \\ 8 - 4 = \underline{\quad} \quad 8 - 5 = \underline{\quad} \\ 8 - 6 = \underline{\quad} \quad 8 - 7 = \underline{\quad} \\ 8 - 8 = \underline{\quad} \end{array}$$

### 9 Family

$$\begin{array}{l} 9 - 0 = \underline{\quad} \quad 9 - 1 = \underline{\quad} \\ 9 - 2 = \underline{\quad} \quad 9 - 3 = \underline{\quad} \\ 9 - 4 = \underline{\quad} \quad 9 - 5 = \underline{\quad} \\ 9 - 6 = \underline{\quad} \quad 9 - 7 = \underline{\quad} \\ 9 - 8 = \underline{\quad} \quad 9 - 9 = \underline{\quad} \end{array}$$

### 10 Family

$$\begin{array}{l} 10 - 0 = \underline{\quad} \quad 10 - 1 = \underline{\quad} \\ 10 - 2 = \underline{\quad} \quad 10 - 3 = \underline{\quad} \\ 10 - 4 = \underline{\quad} \quad 10 - 5 = \underline{\quad} \\ 10 - 6 = \underline{\quad} \quad 10 - 7 = \underline{\quad} \\ 10 - 8 = \underline{\quad} \quad 10 - 9 = \underline{\quad} \\ 10 - 10 = \underline{\quad} \end{array}$$







Subtract.

$$\begin{array}{r} 8 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 5 \\ \hline \end{array}$$

$$10 - 2 =$$

$$6 - 4 =$$

$$9 - 3 =$$

$$8 - 6 =$$

$$8 - 7 =$$

$$7 - 3 =$$

$$6 - 6 =$$

$$6 - 0 =$$



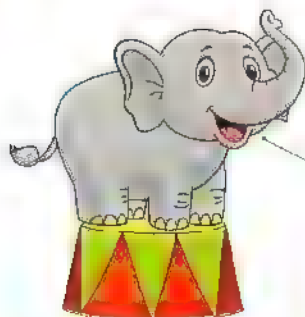
Complete the missing numbers in each table.

8	-	3	=	
+		-		+
	+		=	2
=		=		=
9	-		=	

7	+		=	10
-		+		-
2	-		=	
=		=		=
	+	4	=	



Put (+) or (-).



$3 \square 2 = 5$

$2 \square 6 = 8$

$10 \square 8 = 2$

$8 \square 2 = 6$

$5 \square 4 = 9$

$7 \square 3 = 4$

$9 \square 4 = 5$

$10 \square 3 = 7$

$5 \square 5 = 10$

$3 \square 3 = 0$

$9 \square 1 = 10$

$7 \square 5 = 2$

$6 \square 3 = 3$

$6 \square 4 = 10$

$5 \square 2 = 7$

$5 \square 3 = 8$

$2 \square 7 = 9$

$0 \square 1 = 1$

Place  
a smiley  
face

Numbers from 70 to 79

70

Seventy

71

Seventy-one

72

Seventy-two

73

Seventy-three

74

Seventy-four

75

Seventy-five

76

Seventy-six

77

Seventy-seven

78

Seventy-eight

79

Seventy-nine



Write the numbers from 70 to 79.

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## Numbers from 80 to 89

80

Eighty

81

Eighty-one

82

Eighty-two

83

Eighty-three

84

Eighty-four

85

Eighty-five

86

Eighty-six

87

Eighty-seven

88

Eighty-eight

89

Eighty-nine



Write the numbers from 80 to 89.


- Ask your child to count from 70 up to 89 and write the numbers in order.

## Numbers from 90 to 100

90

Ninety

91

Ninety-one

92

Ninety-two

93

Ninety-three

94

Ninety-four

95

Ninety-five

96

Ninety-six

97

Ninety-seven

98

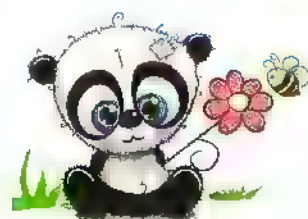
Ninety-eight

99

Ninety-nine

100

One hundred



Write the numbers from 90 to 100.

- Ask your child to write numbers from 70 to 100 in a blank paper



## Add / Subtract within 20

$$11 + 5$$

Start from 11  
and make

**5 forward**

jumps, you will  
reach 16

$$11 + 5 = 16$$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

$$20 - 2$$

Start from 20  
and make

**2 backward**

jumps, you will  
reach 18

$$20 - 2 = 18$$

### More Examples

$$13 + 4 = 17$$

$$18 - 8 = 10$$

$$19 - 4 = 15$$

$$8 + 8 = 16$$

$$12 - 4 = 8$$

$$8 + 11 = 19$$

$$12 + 7 = 19$$

$$13 - 6 = 7$$

$$20 - 10 = 10$$

$$15 + 3 = 18$$

$$20 - 5 = 15$$

$$6 + 14 = 20$$

- Ask your child to tell you the sum and the difference between two numbers using the number chart.

# Exercise 25

On Lessons 57 to 60

- Numbers from 70 to 100
- Add / Subtract within 20

Numbers up to 100

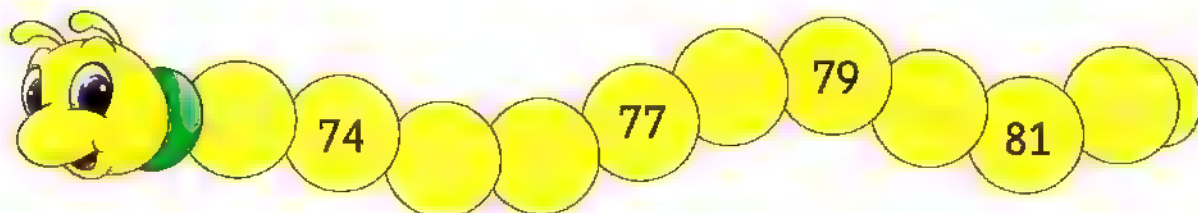
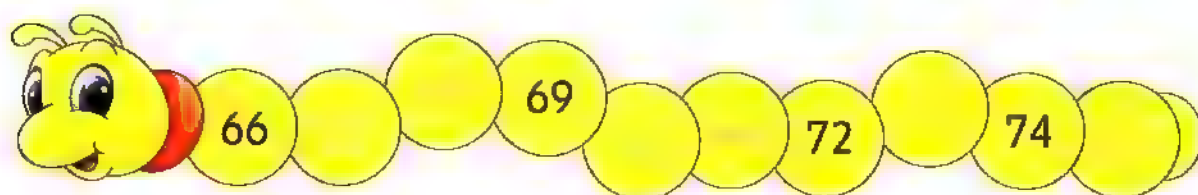
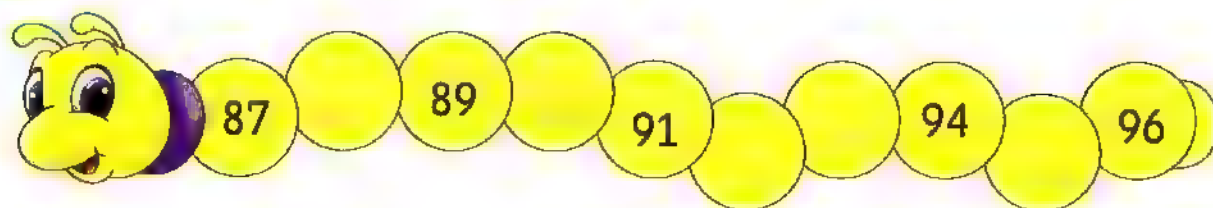


Complete the missing numbers.

1	2					8		10
11						17		19 20
21				25			28	
31					36			40
		43				47		
51			54	55				59
	62				66	67		
71		73					78	80
				85				89
	92				96			100

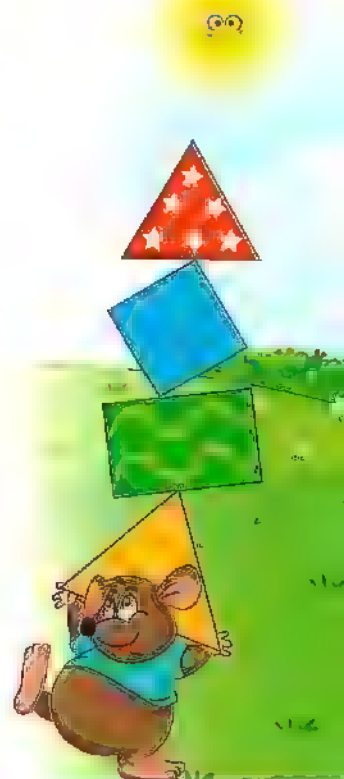


Write the missing numbers.



Choose the correct answer.

- 95 comes just after \_\_\_\_\_ ( 92 or 94 or 96 )
- 99 comes just before \_\_\_\_\_ ( 89 or 98 or 100 )
- 89  98 ( > or = or < )
- 100  97 ( > or = or < )
- \_\_\_\_\_ comes just before 100 ( 99 or 98 or 97 )
- \_\_\_\_\_ comes just after 79 ( 78 or 80 or 81 )
- 78  \_\_\_\_\_ ( 88 or 68 or 98 )
- 93  \_\_\_\_\_ ( 89 or 76 or 94 )





Join the equal results.

$9 - 5$

$13$

$6 + 1$

$18 - 1$

$9$

$13 + 4$

$16 - 3$

$7$

$3 + 16$

$20 - 15$

$5$

$4 + 0$

$11 - 2$

$17$

$7 + 4$

$10 - 3$

$4$

$8 + 5$

$17 - 6$

$19$

$5 + 4$

$20 - 1$

$11$

$3 + 2$





Use the number chart to find the result.

$5 + 7 =$

$13 - 5 =$

$19 + 1 =$

$16 - 6 =$

$18 + 2 =$

$5 - 5 =$

$7 + 3 =$

$12 - 4 =$

$11 + 2 =$

$11 - 10 =$

$7 + 11 =$

$17 - 5 =$

$12 + 3 =$

$20 - 7 =$

$10 + 10 =$

$14 - 3 =$

$9 + 5 =$

$20 - 4 =$

$10 + 7 =$

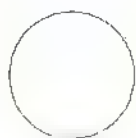
$15 - 8 =$





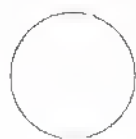
Add or subtract, then complete using ( $<$ ,  $>$  or  $=$ ).

$13 + 2$



$19 - 4$

$18 - 11$



$3 + 5$

$10 + 4$



$20 - 7$

$15 - 8$



$12 + 5$

$9 + 5$



$13 - 8$

$19 - 3$




$7 + 11$





Freddy the frog will only hop to lily pads that equal the number 10. Can you find his path from start to finish?

## Leap Frog



**START**

$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$
$\begin{array}{r} 13 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 2 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} -10 \\ + 0 \\ \hline \end{array}$

**FINISH**

Place  
a smiley  
face



Connect the dots from 1 to 70, then color the picture according to the small one.





Start at the ▲ . Connect the dots counting by ones to 21.  
Start at the ■ . Connect the dots counting by tens to 100.



# GLOSSARY





**A**

A.M.	صباحاً
according to	حسب / طبقاً لـ
activity	نشاط
add	يجمع
addition	الجمع
after	بعد
afternoon	بعد الظهر
amount	مقدار
analog clock	الساعة ذات العقارب
answer	يجيب / إجابة
arrange	يرتب
ascending	تصاعدي

**B**

backward	للخلف
bar	عمود
bar graph	تمثيل بياني بالأعمدة
before	قبل
belong to	ينتمي إلى
below	أسفل
breakfast	الإفطار

**C**

calendar	تقويم
chart	مخطط
choice	اختيار
choose	يختار
circle	دائرة / يضع دائرة حول
classification	التصنيف
classify	يصنف
clock	منبه
collect	يجمع
color	بلون / لون
come	يأتي
compare	يقارن
comparing	مقارنة
complete	يكمل
components	مكونات
correct	صحيح
count	يعد
counting	العد

create	ينشئ
cross out	يحذف

**D**

data	بيانات
day	يوم
descending	تنازلي
difference	الفرق
different	مختلف
digit	رقم
digital clock	الساعة الرقمية
dinner	اعشاء
discover	يكشف
dot	نقطة
draw	يرسم

**E**

eight	ثمانية
eighteen	ثمانية عشر
eighty	ثمانون
eleven	أحد عشر
equal to	يساوي / مساوٍ لـ
example	مثال
extra	إضافي

**F**

fact family	مجموعة الحقائق
fifteen	خمس عشرة
fifty	خمسون
find	يوجد
five	خمسة
forty	أربعون
forward	للأمام
four	أربعة
fourteen	أربعة عشر
frame	إطار
from	من

**G**

graph	الرسم البياني
greater	أكبر
greatest	الأكبر
group	مجموعة

<b>H</b>	
hour	ساعة
hour hand	عقرب الساعات
hundred	مائة

<b>I</b>	
item	شيء

<b>J</b>	
join	يوصل
jump	يقفز

<b>L</b>	
large	كبير
lead	يعود إلى
least	الأقل
left	بقي
less	أقل
long	طويل
lunch	الغداء

<b>M</b>	
make	يكون / يجعل
match	يوصل
maze	متاهة
medium	متوسط
minus	ناقص [-]
minute hand	عقرب الدقائق
missing	مفقود / ناقص
month	شهر
more	أكثر
morning	الصباح
most	الأكثر / معظم

<b>N</b>	
nine	تسعة
nineteen	تسعة عشر
ninety	تسعون
number	عدد
number line	خط الأعداد

<b>O</b>	
one	واحد

order	يرتب
ordering	ترتيب

<b>P</b>	
P.M.	مساءً
pair	زوج
pattern	نمط
pick	يلتقط
picture graph	تمثيل بياني مصور
plot	يضع
plus	زائد [+]
point	يشير إلى / نقطة
practice	تدريب
problem	مشكلة / مسألة
put	يضع

<b>R</b>	
raise	يرفع
raised	مرفوع
reach	يصل إلى
represent	يمثل / يعرض
ring	يحوّط
row	صف

<b>S</b>	
same	مماثل
scan	بمسح
schedule	جدول زمني
seven	سبعة
seventeen	سبعة عشر
seventy	سبعون
shape	شكل
short	قصير
six	ستة
sixteen	ستة عشر
sixty	ستون
size	مقاس
skip counting	تجاوز العدد
small	صغير
solve	يحل
space	فراغ
square	مربع
start	يبدأ

strategy	استراتيجية
subtract	يطرح
subtraction	الطرح
suitable	مناسب
sum	مجموع
symbol	رمز

## T

table	جدول
telling time	قراءة الوقت
ten	عشرة
thirteen	ثلاثة عشرة
thirty	ثلاثون
three	ثلاثة
today	ليوم
together	معًا
tomorrow	عَدًا
to	إلى
trace	يتتبع
triangle	مثلث
try	يحاول
twelve	اثني عشر
twenty	عشرون
two	اثنان

## U

use	يستخدم
-----	--------

## W

wake up	يستيقظ
within	حتى
write	يكتب

## Y

yesterday	أمس
-----------	-----

## Z

zero	الصففر
------	--------

# Mathematics

STEP BY STEP REVISION

FREE PART

1

- Worksheets
- General Revision
- Final Assessments



DISCOVER

1<sup>st</sup>  
FEBRUARY  
2024

# Index

## First: Worksheets



## Second: General Revision



## Third: Final Assessments





# WORKSHEETS

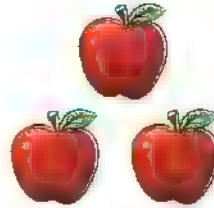


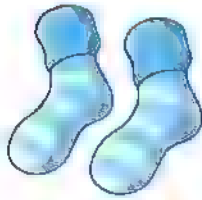
# Sheet 1

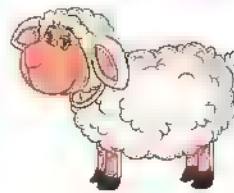
On lessons 1&2 - chapter 1

**1** Count. Write the number.

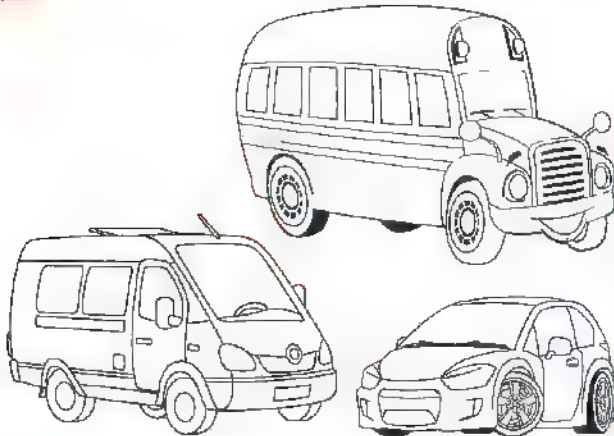

  
  


**2** Color the smallest car.



**3** Cross out the animal that is different.



**4** Match.



3



2



1

**5** Color 1 heart in red, 2 stars in yellow and 3 stars in blue.



# Sheet 2

Till lessons 3 to 6 - chapter 1

**1** Circle the correct number on the number line.



One less than 2



One more than 3

**2** Write the numbers in digits.

Two

Four

Five

One

Three

**3** Match.



5

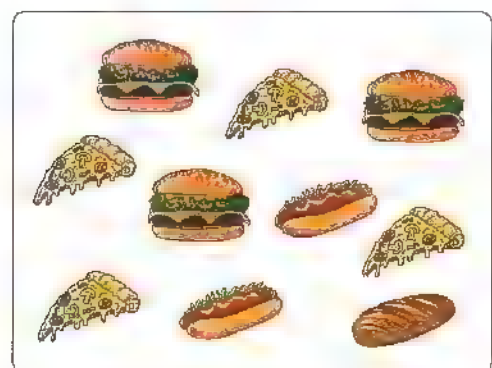
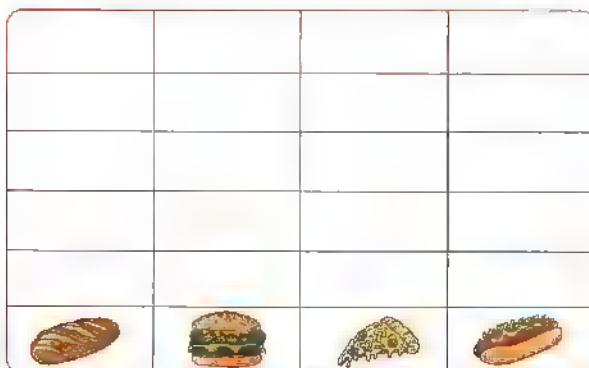
4

3

2

1

**4** Color to show how many of each item.



• Circle which item there is the most of.

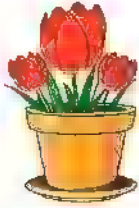
• The number of  =



# Sheet 3

Till lessons 7 to 10 - chapter 1

**1** Count the flowers. Write the number.


**2** Circle the animals which have 4 legs.



**3** Circle the fish that has a different size.



**4** Color to show how many of each item.




• Circle which item there is the least of.

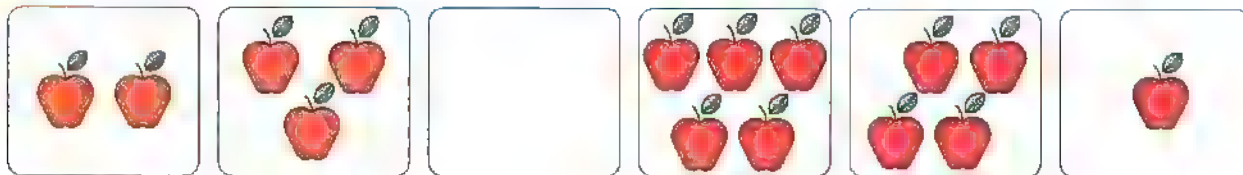


• The number of = \_\_\_\_\_

# Assessment

## Chapter 1

**1** Count. Match.



0

1

2

3

4

5

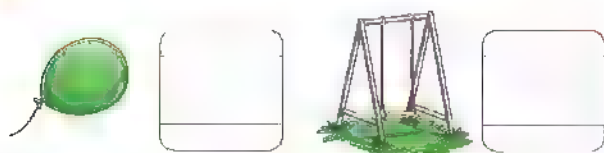
**2** Circle the flower that has a different size.



**3** Complete.



**4** Count. Write the number.





**5** Cross out the animal that is different.



**6** Circle the correct number on the number line.



One more than 1



One less than 3

**7** Draw ● to show the number in five frame.

3

--	--	--	--	--

5

--	--	--	--	--

4

--	--	--	--	--

2

--	--	--	--	--




0

--	--	--	--	--

1

--	--	--	--	--

**8** Color to show how many of each item.



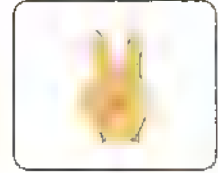
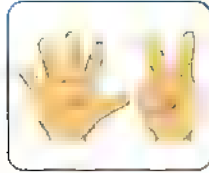
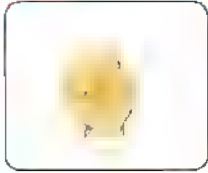
• Circle which item there is the least of.



# Sheet 4

Till lessons 11&12 - chapter 2

**1** Match.



6

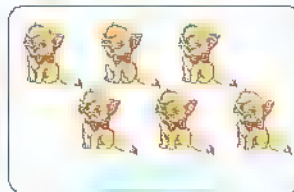
7

0

Two

Five

**2** Cancel 1 item in each group. Write the number of the left items.



**3** Circle the correct number on the number line.

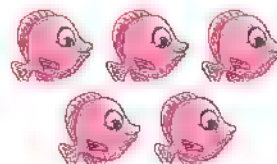


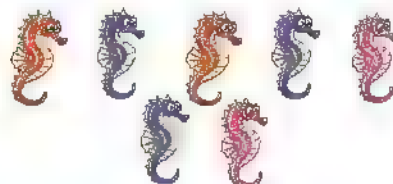
One more than 4



One less than 1

**4** Count. Write the number.

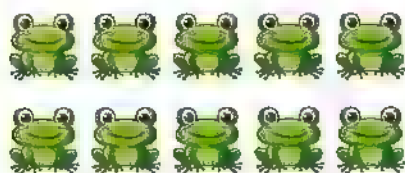

  
  

  
  

## Sheet 5

## Till lessons 13 to 16 - chapter 2

**1** Count. Write the number.




**2 Write the number.**

Ten

Six

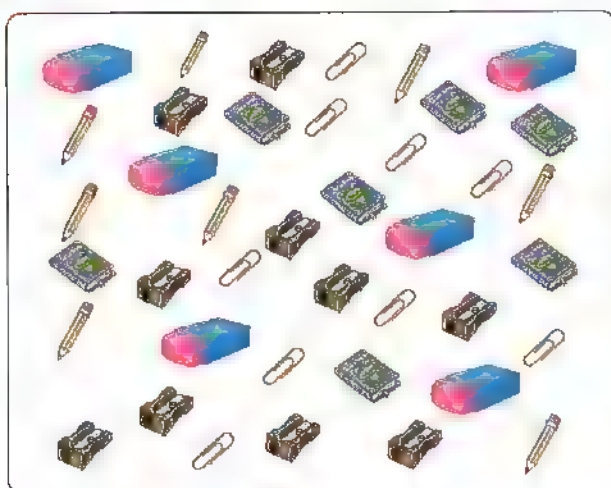
Nine

Four

**Eight**

Seven

 **Color to show how many of each item.**

[illegible]

- Circle which item there is the most of.



# Sheet 6

Till lessons 17&18 - chapter 2

**1** Choose the correct number.

• 7 is 1 more than \_\_\_\_\_

8

5

6

• 3 is 1 less than \_\_\_\_\_

2

4

5

• \_\_\_\_\_ comes just after 4

3

6

5

• \_\_\_\_\_ comes just before 9

8

7

10

**2** Circle the animals which have 2 legs.



**3** Write (✓) to the correct statement and (X) to the incorrect statement.

• 4 is 1 more than 3 ( )

• 5 is 1 less than 4 ( )

• 6 comes just after 7 ( )

• 8 comes just before 9 ( )

• The number of dots in  is 9 ( )



**4** Write the missing numbers.

2   5  7

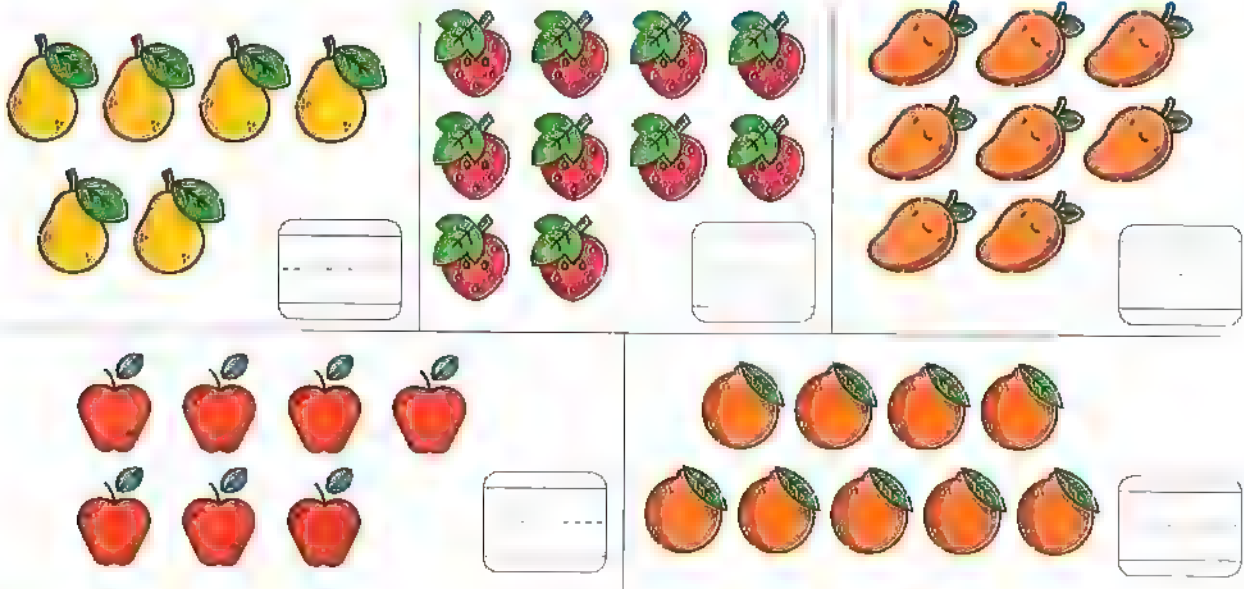
6 7   10

1   4

6  8



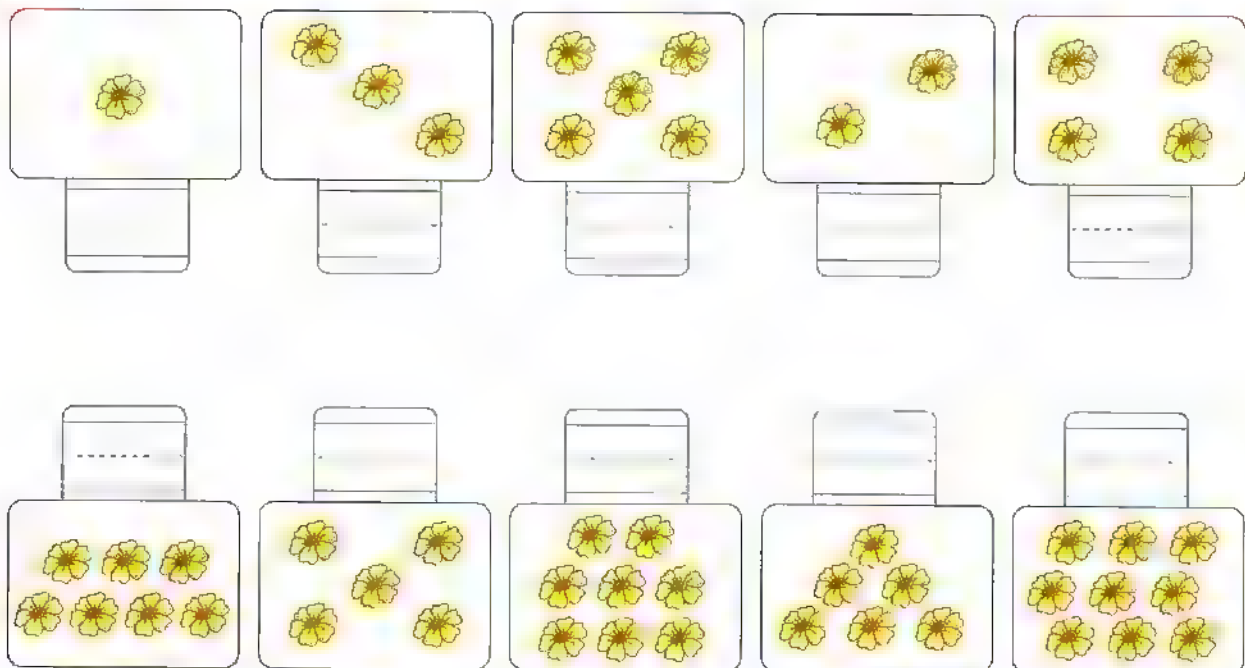
**1** Count. Write the number.



**2** Write the number that is 1 less than the written number.



**3** Count. Write the number of flowers. Join to get 10.





**4 Complete with a suitable number.**

comes just after 8

comes just after 0




comes just after 5

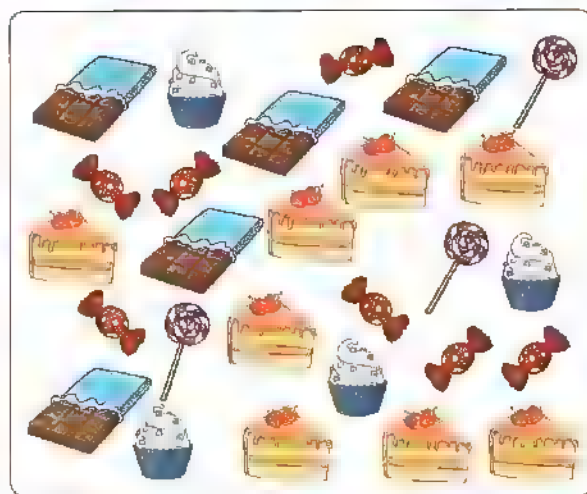
comes just before 3

comes just before 10

comes just before 7

**5 Color one box for each item to show how many of each item.**



**Answer the questions.**

- How many  are there?

- How many  are there?

- How many  are there?

**Circle the item that shows the most.**



**6 Write the number that is 1 more than the written number.**

8

3

6

9

# Accumulative Assessment

Till Chapter 2

## 1 Join.

5

7

2

0

10

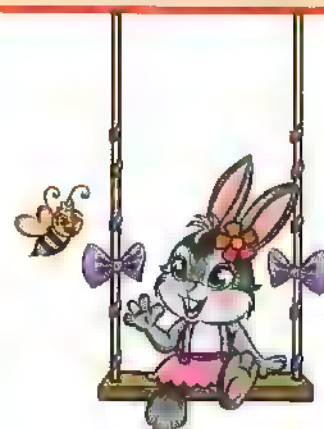

Zero

Two

Five

Seven

Ten



## 2 Complete.

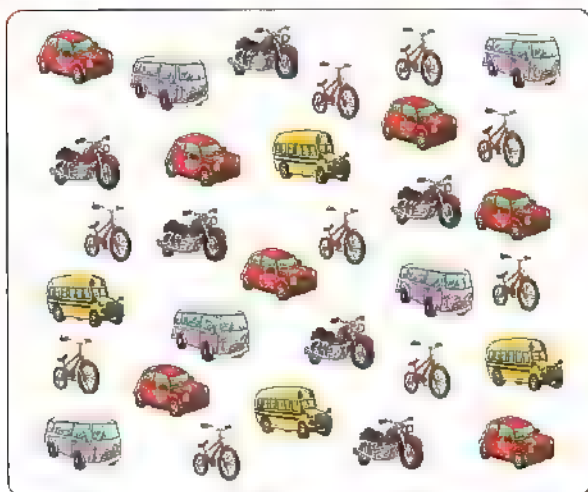
- 7 is 1 less than \_\_\_\_\_
- 10 comes just after \_\_\_\_\_
- \_\_\_\_\_ is 1 more than 9
- \_\_\_\_\_ comes just after 6
- 3 is 1 more than \_\_\_\_\_
- 8 comes just before \_\_\_\_\_
- \_\_\_\_\_ is 1 less than 5
- \_\_\_\_\_ comes just before 8

## 3 Write the missing numbers on each number line.

0		2			5	6			9	
0				4	5				9	
0	1	2								
0		2						7		

## 4 Write the number of raised fingers.



**5** Color one box for each item to show how many of each item.



• Answer the questions.

- How many  are there?

- How many  are there?

- How many  are there?

• Circle the item that shows the least.



**6** Circle the correct number on the number line.

• One less than 3



• One more than 6



• One less than 7



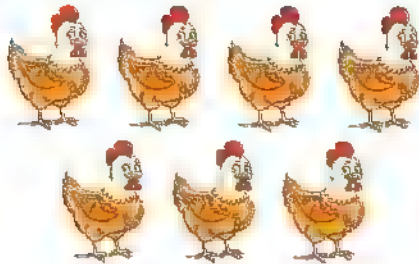
• One more than 8



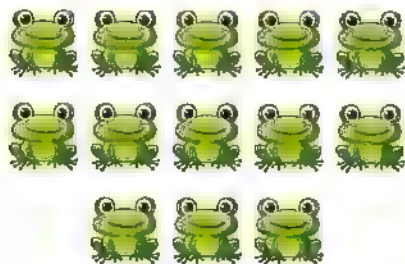
# Sheet 7

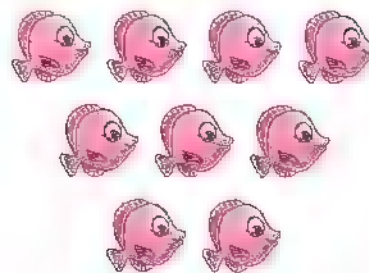
Till lessons 19&20 - chapter 3

## 1 Count. Write the number.

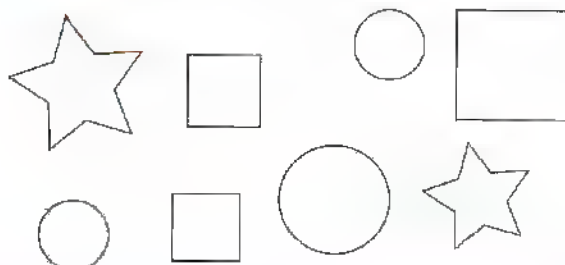

  
  

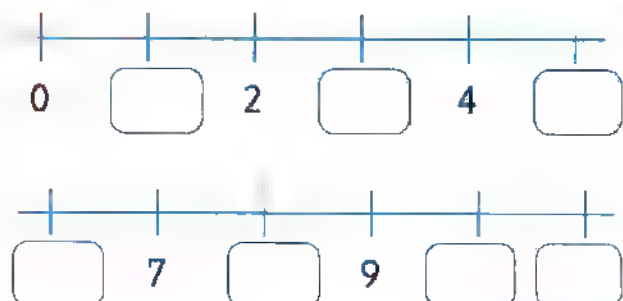

## 2 Choose the correct answer.

- 6 is greater than \_\_\_\_ (7 or 6 or 5)
- 5 is less than \_\_\_\_ (6 or 5 or 4)
- \_\_\_\_ is greater than 8 (6 or 7 or 10)
- \_\_\_\_ is less than 9 (7 or 9 or 13)
- \_\_\_\_ comes just after 11 (10 or 11 or 12)
- \_\_\_\_ comes just before 12 (11 or 12 or 13)

## 3 Color the same figures with the same color.



## 4 Complete the missing numbers on each number line.



# Sheet 8

Till lessons 21&22 - chapter 3

**1** Write the number that comes just after.

9

7

11

4

**2** Put the numbers in their correct place.

2 12  
 is greater than

10 7  
 is less than

**3** Arrange in an ascending order.

7 , 3 , 11 , 10 , 15

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

12 , 0 , 5 , 14 , 9

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

**4** Arrange in a descending order.

14 , 4 , 15 , 8 , 7

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

6 , 10 , 13 , 3 , 9

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

**5** Count, write the number.



**6** Count, choose the correct number.



Twelve      Thirteen      Fourteen



Twelve      Eleven      Ten



# Sheet 9

Till lessons 23&24 - chapter 3

**1** Put ">,< or =".

12

2

9

14

13

13

zero

fifteen

eight

eight

eleven

seven

**2** Draw ● according to the number.

Nine

14



**3** Arrange in an ascending order.

12 , 3 , 15 , 10 , 14

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

**4** Color one box for each to show the number of each animal.



• Circle which animal there is the most of.



• The number of

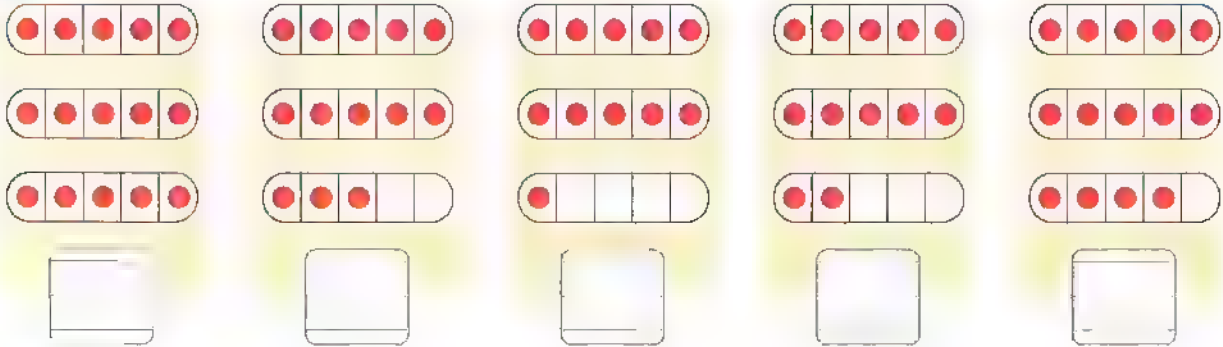



The number of



(> or = or <)

**1** Count the number of dots in five frames. Write the number.



**2** Put the numbers in their correct places.

1 and 5

is greater than

7 and 8

is less than

11 and 9

is greater than

10 and 17

is less than

13 and 15

is greater than

12 and 6

is less than

**3** Write the missing numbers of each.

5	6	<input type="text"/>	<input type="text"/>	9	10	<input type="text"/>
<input type="text"/>	1	2	<input type="text"/>	<input type="text"/>	5	<input type="text"/>
<input type="text"/>	10	<input type="text"/>	12	13	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	11	12	<input type="text"/>

**4** Put ">,< or =".

12	<input type="text"/>	10	11	<input type="text"/>	13	12	<input type="text"/>	2
eight	<input type="text"/>	8	seven	<input type="text"/>	7	1	<input type="text"/>	ten
nine	<input type="text"/>	zero	one	<input type="text"/>	two	four	<input type="text"/>	six

**5** Arrange from least to greatest.

**7** , **11** , **6** , **5** , **15**

The order is : , , , ,

**1** , **11** , **10** , **0** , **8**

The order is : , , , ,

**6** Arrange in a descending order.

**9** , **8** , **13** , **7** , **14**

The order is : , , , ,

**6** , **12** , **4** , **0** , **15**

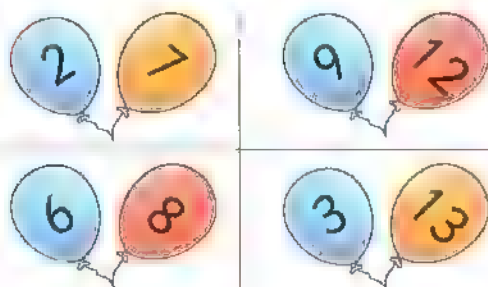
The order is : , , , ,

**7** Write the suitable number.

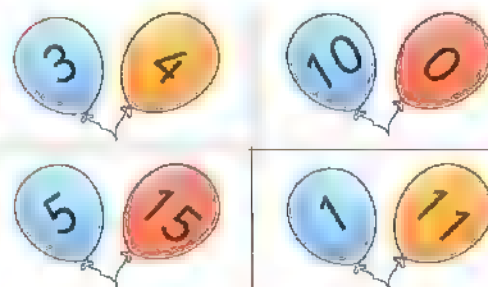
- 12 is greater than
- 11 is equal to
- 15 >

- 9 is less than
- 8 <
- 10 =

**8** Circle the greater number.



**9** Circle the smaller number.



**10** Complete with a suitable number.

6 >

= 13

7 <

> 11

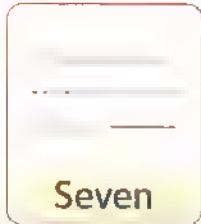
9 =

< 15

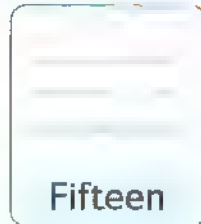
# Accumulative Assessment

Till Chapter 3

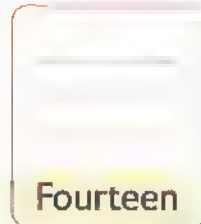
**1** Write the number.



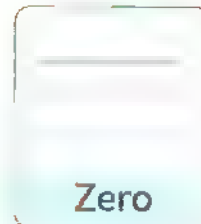
Seven



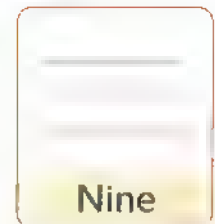
Fifteen



Fourteen



Zero



Nine

**2** Write (✓) to the correct statement and (X) to the incorrect statement.

- |             |       |                           |       |
|-------------|-------|---------------------------|-------|
| • $15 > 10$ | (   ) | • $11 < 9$                | (   ) |
| • Ten = 11  | (   ) | • 15 is equal to fourteen | (   ) |

**3** Complete.

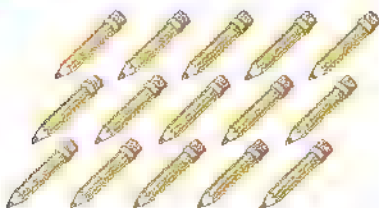
- |                            |                             |
|----------------------------|-----------------------------|
| • 10 is 1 less than _____  | • 12 is 1 more than _____   |
| • _____ comes just after 8 | • _____ comes just before 9 |
| • 11 is greater than _____ | • _____ is less than 13     |

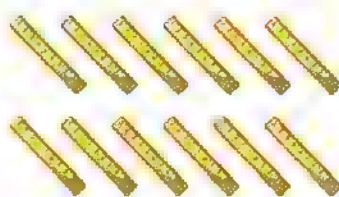
**4** Circle the correct number on the number line.

- One less than 10
- 

- One more than 7
- 

**5** Count and write the number.







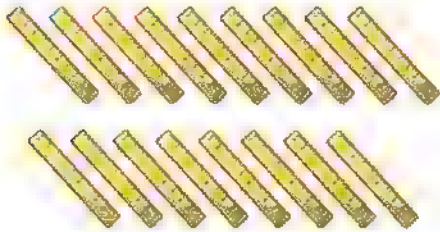





# Sheet 10

Till lessons 25&26 - chapter 4

**1** Count. Write the number.


**2** Circle the correct number on the number line.



One more than 0

**3** Arrange in a descending order.

15 , 14 , 17 , 16 , 6

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

**4** Count, match to get 10.



**5** Complete with a suitable number.

$$7 > \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} < 14$$

$$10 = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} > 16$$

# Sheet 11

Till lesson 27 - chapter 4

1 Plot dots in ten frames to represent the numbers.

15


12


17


2 Write the number.

Fifteen

Twelve

Seventeen

Sixteen

Fourteen

Thirteen

3 Write the number which comes just after.




10

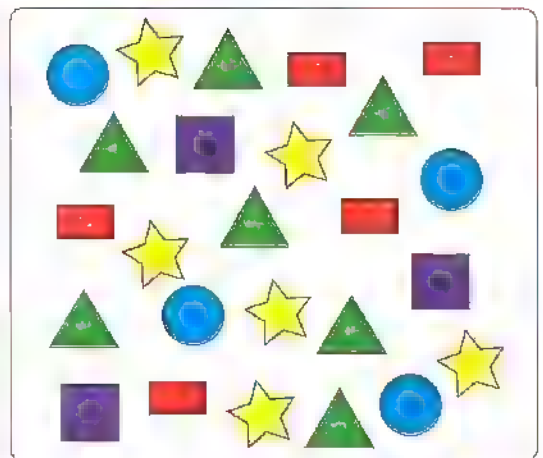
4

8

17

4 Use the following picture to complete the picture graph.



• Put "> , < or =".

- The number of




The number of



- The number of




The number of



- The number of



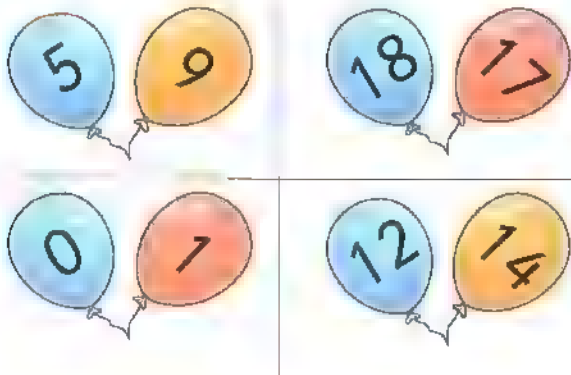

The number of



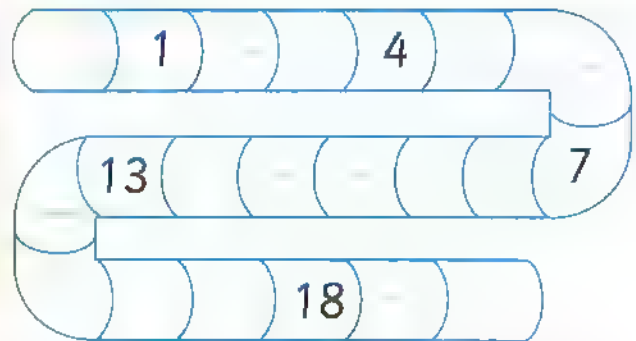
# Sheet 12

Till lessons 28&29 - chapter 4

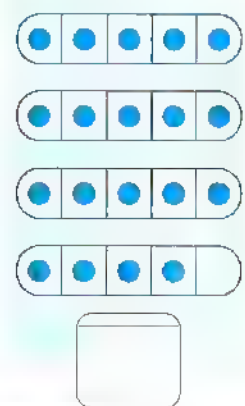
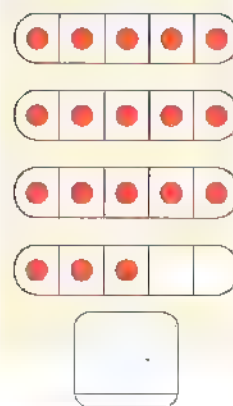
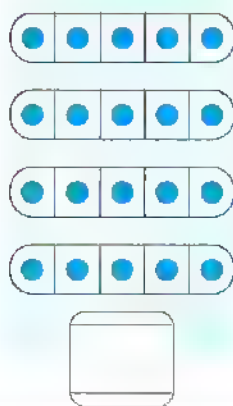
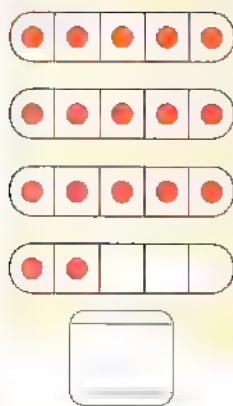
**1** Circle the smaller number.



**2** Complete the missing numbers.



**3** Count the dots in five frames. Write the number.



**4** Write (✓) to the correct statement and (X) to the incorrect statement.

- 20 comes just after 18 ( )
- 18 comes just before 19 ( )
- Thirteen = 18 ( )
- 17 is 1 less than 18 ( )
- Ten > 20 ( )



**5** Choose the correct answer.

- |    |  |    |
|----|--|----|
| 13 | <input type="radio"/> is greater than<br><input type="radio"/> is less than<br><input type="radio"/> is equal to | 12 |
| 15 | <input type="radio"/> is greater than<br><input type="radio"/> is less than<br><input type="radio"/> is equal to | 15 |
| 17 | <input type="radio"/> is greater than<br><input type="radio"/> is less than<br><input type="radio"/> is equal to | 20 |
| 19 | <input type="radio"/> is greater than<br><input type="radio"/> is less than<br><input type="radio"/> is equal to | 11 |

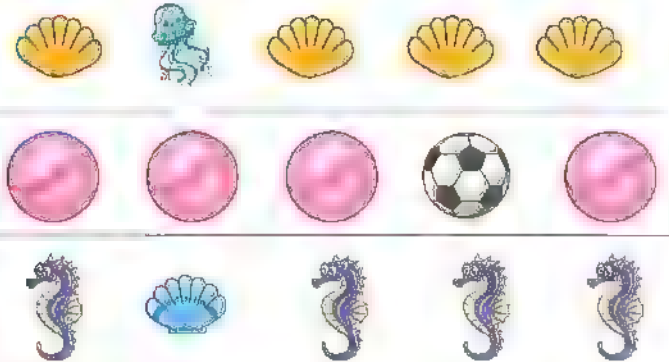
# Sheet 13

Till lesson 30 - chapter 4

**1** Put ">,< or =".

20	<input type="text"/>	Nineteen
15	<input type="text"/>	Five
18	<input type="text"/>	Eighteen
12	<input type="text"/>	Fourteen

**2** Circle the picture that is different.



**3** Ring each number that is greater than 12.

11      13      9      14      17      10

**4** Circle the correct number on the number line.



One more than 2

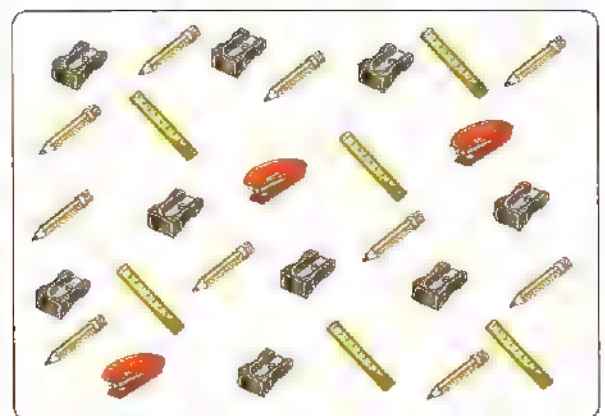
**5** Arrange in an ascending order.

13 , 20 , 19 , 7 , 17

The order is : , , , ,

**6** Color according to the number of each item in the picture.

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				



• Circle which item there is the most of.





# Assessment

## Chapter 4

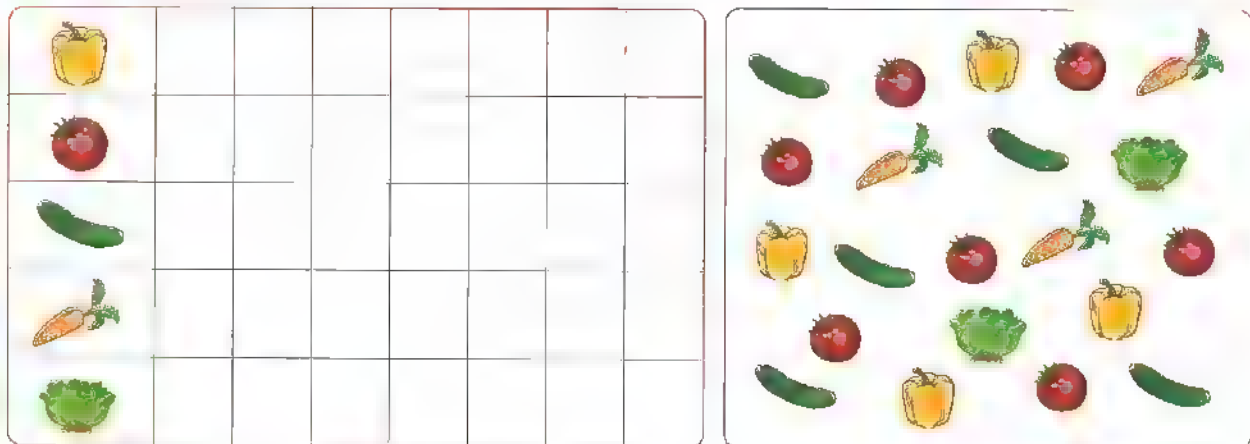
**1** Plot dots in five frames to represent the numbers.

17	19	16	20	18
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**2** Write the number that comes just after.

17	<input type="text"/>	12	<input type="text"/>	16	<input type="text"/>
Nineteen	<input type="text"/>	Thirteen	<input type="text"/>	Eighteen	<input type="text"/>

**3** Use the following picture to complete the picture graph.



• Put "> , < or =".

- The number of   The number of 
- The number of   The number of 
- The number of   The number of 





**4** Write the number that comes just before.


15


17


20


10


14


12

**5** Put ">,< or =".

12

--

14

15

--

13

20

--

20

nineteen

--

eighteen

ten

--

eleven

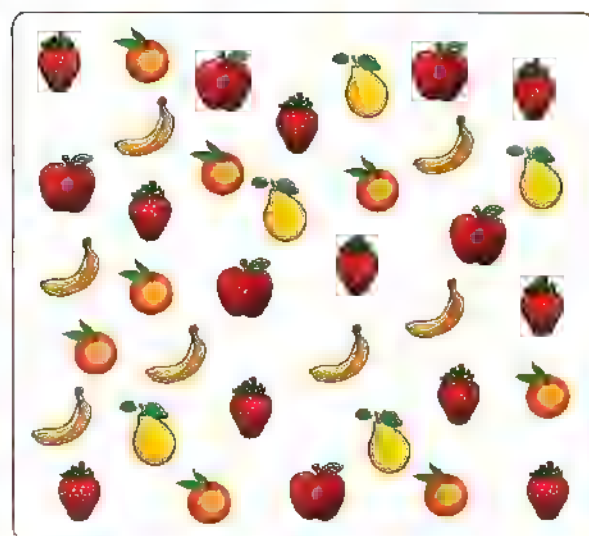
seventeen

--

sixteen

**6** Color according to the number of each item in the picture.

10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
					



• Circle the correct answer.

- The most number is of

(  or  or  )

- The least number is of

(  or  or  )



# Accumulative Assessment

Till Chapter 4

**1** Choose the correct answer.

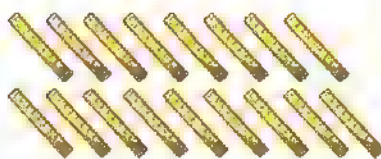
- $16 > \underline{\hspace{2cm}}$  (15 or 16 or 17)
- 15 comes just after  $\underline{\hspace{2cm}}$  (10 or 14 or 20)
- $\underline{\hspace{2cm}} -$  is 1 less than 18 (17 or 18 or 19)
- 18  19 ( $>$  or  $=$  or  $<$ )
- The number just after 13  The number just before 15 ( $>$  or  $=$  or  $<$ )

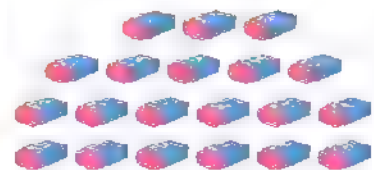
**2** Write ( $\checkmark$ ) to the correct statement and ( $\times$ ) to the incorrect statement.

- |                              |         |                        |         |
|------------------------------|---------|------------------------|---------|
| • 5 is 1 more than 6         | (     ) | • 16 is 1 less than 17 | (     ) |
| • 14 in letters is fourteen. | (     ) | • $20 > 10$            | (     ) |
| • 18 comes just before 20    | (     ) | • $9 < 10$             | (     ) |

**3** Count. Write the correct number.








**4** Arrange in an ascending order.

15 , 11 , 19 , 9 , 17 , 13

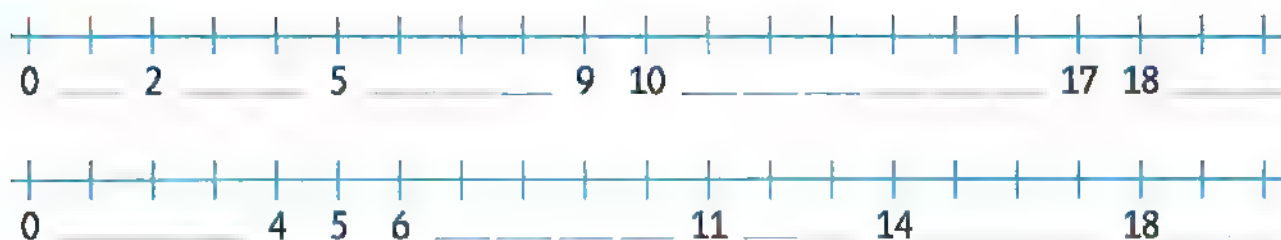
The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

**5** Arrange in a descending order.





18 , 1 , 5 , 11 , 16 , 14

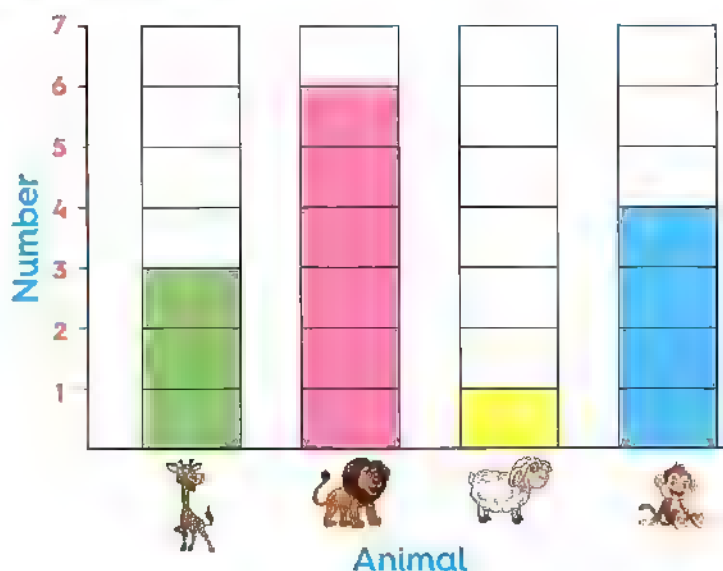
The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

**6** Complete each of the following number lines.



**7** Notice the graph and complete the table.

Animal	Number
	_____
	_____
	_____
	_____



• Complete.

- The number of  is  | - The number of  is

• Circle the correct answer.

- The most number is of (  or  or  )

- The least number is of (  or  or  )

**8** Ring each number that is less than 16.

12    14    17    18    19    8    0

**9** Ring each number that is greater than 14.

16    7    9    18    19    8    10    11    20

**1** Plot dots in ten frames to represent the number.

23


21


**2** Write the number.

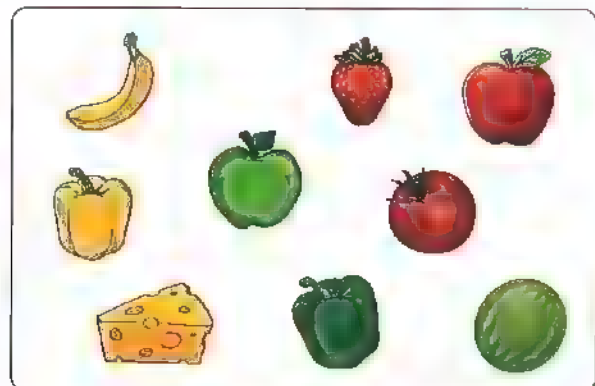
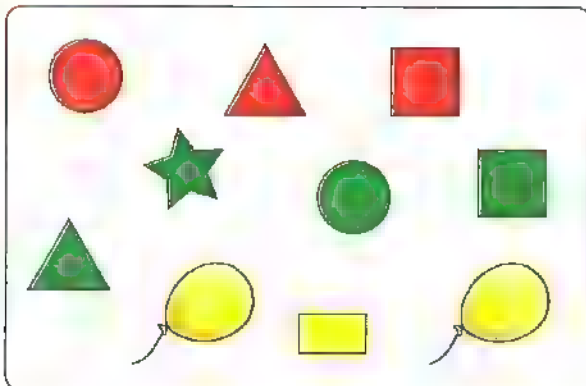
Twenty-two

Twenty-four

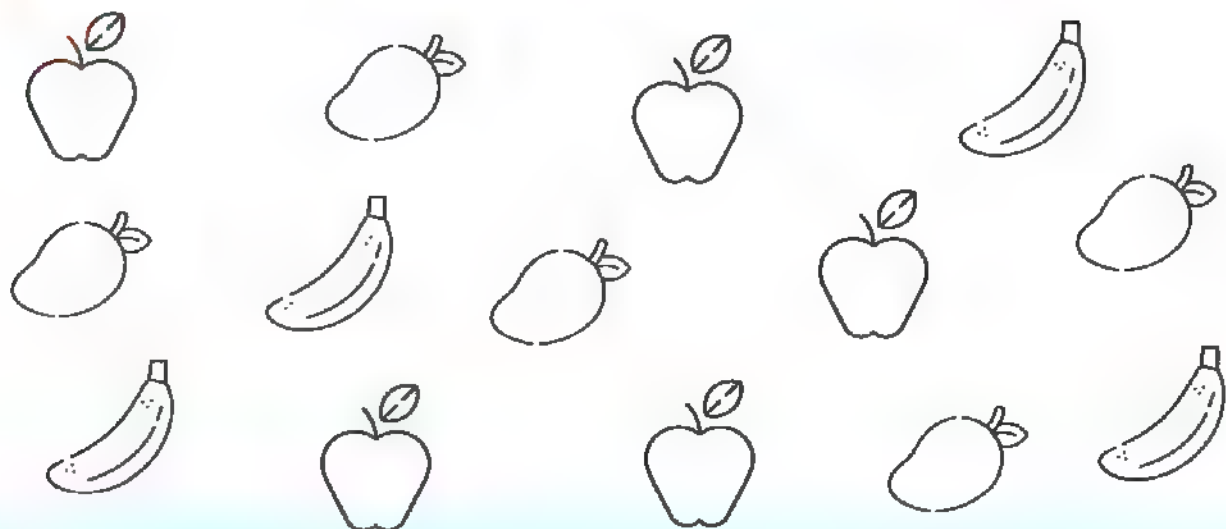
Twenty-three

Twenty-one

**3** Circle the group of the same color.



**4** Color the similar objects with the same color.





### 5 Add.

$$\begin{array}{r} 3 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ + 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \\ \hline \end{array}$$

$$6 + 3 = \underline{\hspace{2cm}}$$

$$1 + 6 = \underline{\hspace{2cm}}$$

$$1 + 9 = \underline{\hspace{2cm}}$$

$$4 + 3 = \underline{\hspace{2cm}}$$



### 6 Write ( > or < or = ).

$$24 \quad \square \quad 20$$

$$19 \quad \square \quad 23$$

$$21 \quad \square \quad 24$$

$$9 \quad \square \quad 21$$

$$\text{Twenty-four} \quad \square \quad \text{Fourteen}$$

$$\text{Twenty-one} \quad \square \quad 16$$

### 7 Circle each number that is less than 15.

16

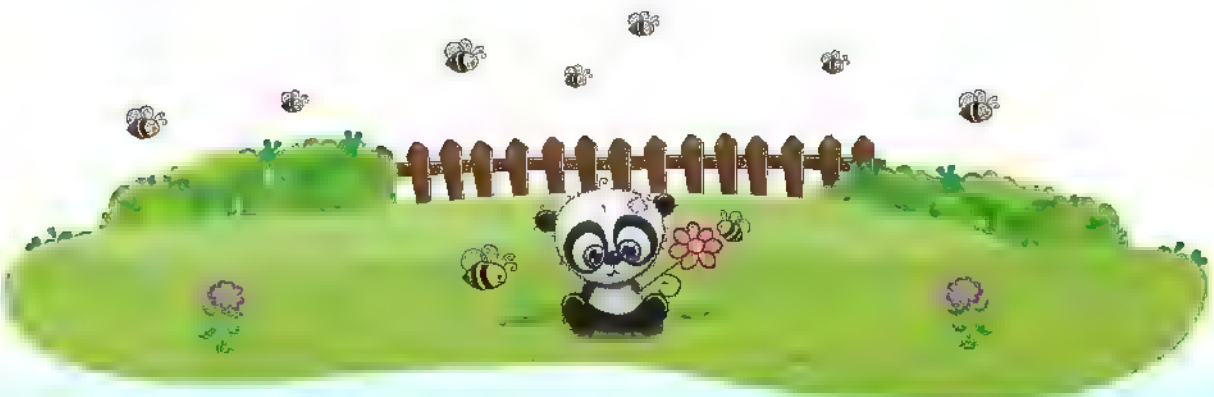
4

12

24

9

1





**1** Count. Choose the correct answer.



21

23

25



19

20

21

**2** Count. Write the number.






**3** Put ">," < or =".

23

26

Twenty-five

25

12

26

Twenty-seven

19

Six

Twenty-six

**4** Add. Write the sum.

$2 + 5 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

**5** Rami has 5 red balloons and Youssef has 4 yellow balloons.

How many balloons do they both have ?

They have =  +  =  balloons.



**6** Shady has 6 pounds. His sister has 2 pounds. How much money do they have ?

What they both have =  -  =  pounds.

# Sheet 16

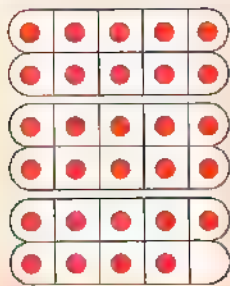
Till lessons 35&36 - chapter 5

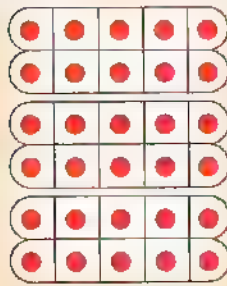
**1** Write a suitable number.

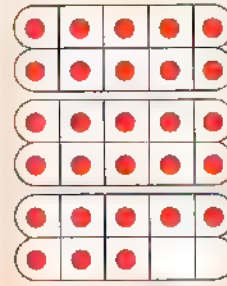
$$29 < \boxed{\phantom{00}} \quad 26 = \boxed{\phantom{00}} \quad \boxed{\phantom{00}} > 14$$

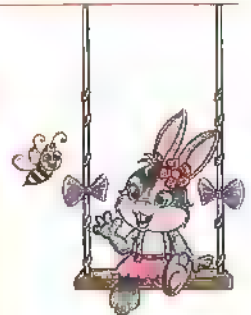
$$\text{Twenty-eight} > \boxed{\phantom{00}} \quad \boxed{\phantom{00}} = \text{Seventeen} \quad \boxed{\phantom{00}} < \text{Twenty-nine}$$

**2** Write the number of dots.







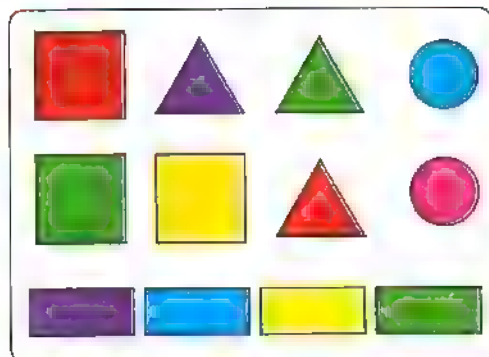


**3** Arrange in an ascending order.

**27** , **14** , **28** , **21** , **30** , **24**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

**4** Circle the objects having the same shape.



**5** Complete the missing numbers.

5  7 8   11  
 14 15    19   
 18  20    24  
 25  27  29   
 13  15

**6** Color the same shapes with the same color.



**1** Add, then complete using "> , < or =".

$$1 + 2 \quad \bigcirc \quad 0 + 4$$

$$3 + 4 \quad \bigcirc \quad 4 + 5$$

$$5 + 5 \quad \bigcirc \quad 3 + 7$$

$$6 + 2 \quad \bigcirc \quad 1 + 3$$

**2** Complete.

- \_\_\_\_\_ comes just after 27
- 23 comes just before \_\_\_\_\_
- 28 is 1 less than \_\_\_\_\_
- \_\_\_\_\_ is 1 more than 20
- $8 + \underline{\hspace{1cm}} = 10$

**3** Complete counting by 10's.

$$10 \quad 20 \quad \dots\dots\dots$$

$$\dots\dots\dots 20 \dots\dots\dots$$



**4** Match to make 10.



7



5



6



8



9

**5** Circle the objects having the same size ( large - medium - small ).



**6** Sara collected 4 yellow flowers and 2 red flowers.

How many flowers did Sara have?

Sara had =  +  =  flowers.



**1** Add. Write the result.

$5 + 3 = \underline{\quad}$

$1 + 7 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

$2 + 4 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$9 + 0 = \underline{\quad}$

10

+ 0

8

+ 1

6

+ 3

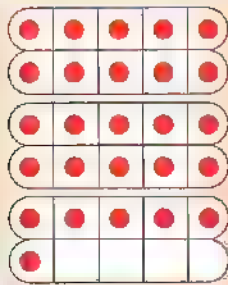
5

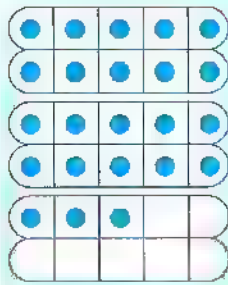
+ 2

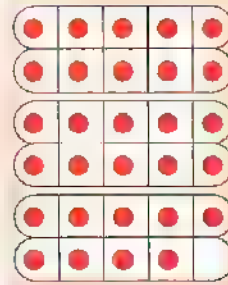
1

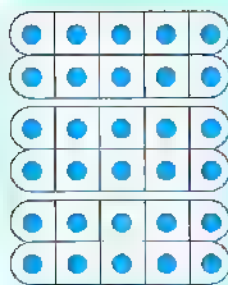
+ 1

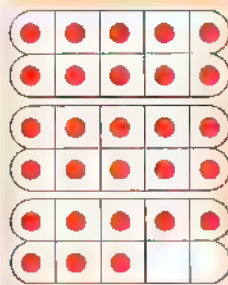
**2** Count. Write the correct number.

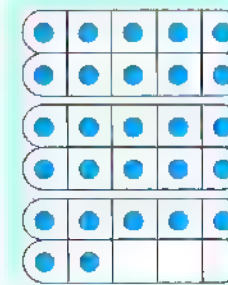




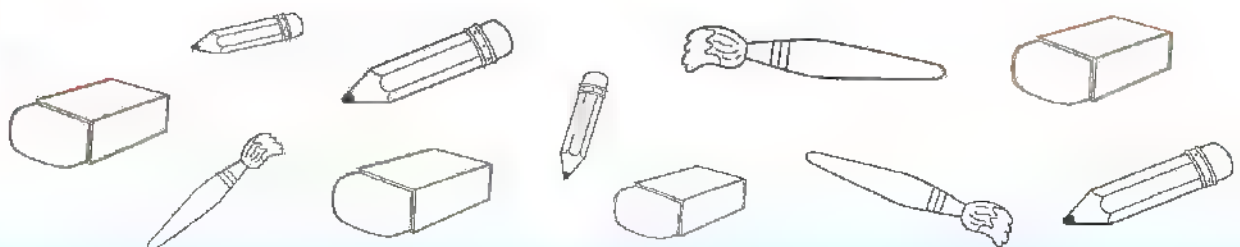




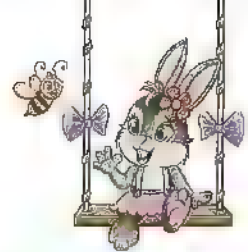





**3** Color the similar objects with the same color.







**4** Write the missing numbers.

22   25   28 29

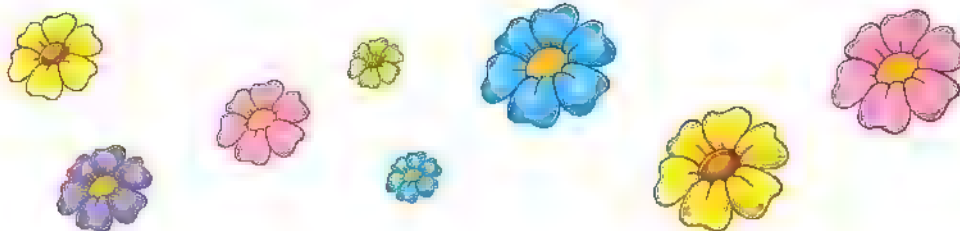
19    23   26

**5** Arrange in a descending order.

**27** , **16** , **7** , **28** , **24** , **30**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

**6** Circle the objects having the same size (Large - Medium - Small).



**7** Solve the following problems.

Adam has 5 red balloons and 4 green balloons.

How many balloons does Adam have in all ?

The number of balloons =

+  =  balloons.

Janna had 2 big fish and 6 small fish.

How many fish did Janna have in all ?

The number of fish =

+  =  fish.

**8** Complete the dots in the other side to get 10.





# Accumulative Assessment

Till Chapter 5

## 1 Add.

$3 + 2 = \underline{\quad}$

$5 + 3 = \underline{\quad}$

$7 + 2 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$9 + 0 = \underline{\quad}$

$8 + 1 = \underline{\quad}$

$1 + 6 = \underline{\quad}$

$3 + 4 = \underline{\quad}$

## 2 Choose the correct answer.

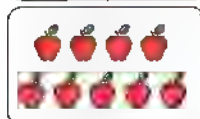
- $16 < \underline{\quad}$  (14 or 9 or 27)
- $23 \square 18$  ( $>$  or  $<$  or  $=$ )
- Twenty-four =  $\underline{\quad}$  (4 or 14 or 24)
- $\underline{\quad}$  comes just after 14 (13 or 14 or 15)
- $\underline{\quad}$  is 1 less than 28 (27 or 29 or 30)
- $3 + \underline{\quad} = 10$  (5 or 7 or 8)



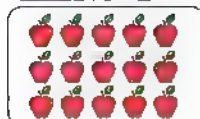
## 3 Match.



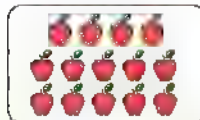
14



Fifteen



9



Four

## 4 Arrange in an ascending order.

24 , 13 , 0 , 30 , 23

The order is :  $\underline{\quad}$  ,  $\underline{\quad}$  ,  $\underline{\quad}$  ,  $\underline{\quad}$  ,  $\underline{\quad}$

## 5 Ahmed has 4 balloons and Mina has 3 balloons. How many balloons do they have in all ?





They have =  $\underline{\quad}$  +  $\underline{\quad}$  =  $\underline{\quad}$

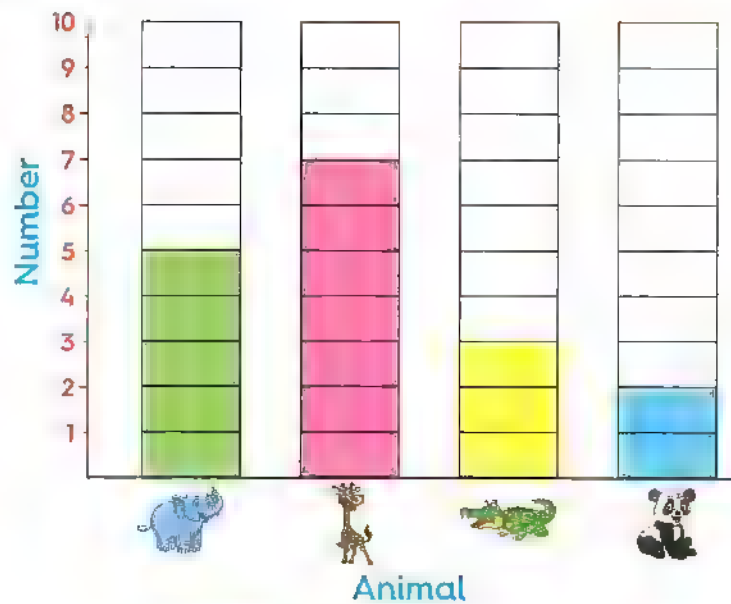
## 6 Write the missing numbers on the number line.








**7** Complete the following table.

Animal	Number
	—
	—
	—
	—



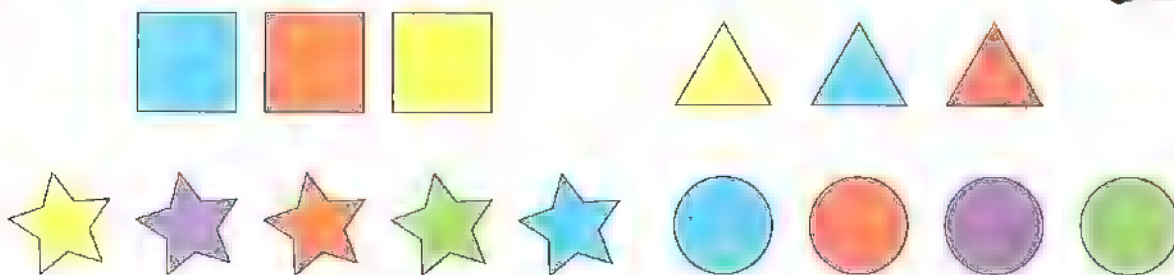
• Find.

- The number of  + The number of  =

- The number of  + The number of  =



**8** Circle the objects having the same shape.

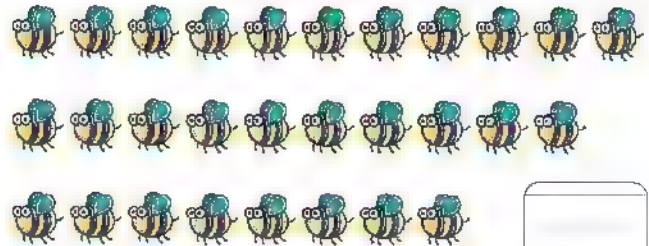


**9** Write the number.

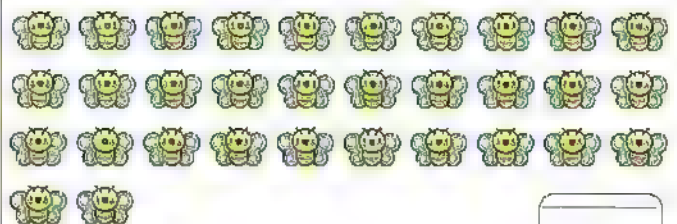
<input type="text"/> Twenty	<input type="text"/> Seventeen	<input type="text"/> Four	<input type="text"/> Eleven	<input type="text"/> Twenty-six
<input type="text"/> Thirty	<input type="text"/> Ten	<input type="text"/> Nine	<input type="text"/> Nineteen	<input type="text"/> Sixteen

**1** Count the objects, write the correct number.










**2** Find the result.

$7 - 2 = \underline{\quad}$

$6 + 3 = \underline{\quad}$

$8 - 1 = \underline{\quad}$

$2 + 5 = \underline{\quad}$

$9 - 4 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

$4 + 2 = \underline{\quad}$

$6 - 6 = \underline{\quad}$



**3** Write the missing numbers.

18   21

26 27

21 22

28   31

32 33

**4** Circle the shape that is different in each row.



# Sheet 19

Till lessons 44 to 46 - chapter 6

**1** Use the number line to subtract.



**2** Draw • to represent the number.

37

40

**3** Write ( > , < or = ).

39  29

Thirty-eight  38

37  Seventeen

$8 - 1$    $7 + 2$

**4** Put the numbers in their correct places.

12    17

is greater than

---

24    31

is less than

**5** Complete with a suitable number.

comes just before 32

---

comes just after 19

**6** Match to get 10.

3	2	9	0	6
1	7	8	4	10



# Sheet 20

Till lessons 47&48 - chapter 6

**1** Find the difference between.

5 and 3

$$\square - \square = \square$$

6 and 9

$$\square - \square = \square$$

**2** Complete each fact family.

5	1	6
+		=
+		=
-		=
-		=

4	5	9
+		=
+		=
-		=
-		=

7	3	10
+		=
+		=
-		=
-		=

**3** Put ">,< or =".

$$1 + 6 \quad \bigcirc \quad 2 + 8$$

$$9 - 5 \quad \bigcirc \quad 3 + 1$$

$$3 + 0 \quad \bigcirc \quad 7 - 7$$

$$10 - 3 \quad \bigcirc \quad 4 + 4$$

**4** Color one box for each to show the number of each item.



• Circle the item that is the most of.





**1** Draw ● to show the number.

32	37	40	35	36
<div style="border: 1px solid black; width: 100px; height: 100px;"></div>	<div style="border: 1px solid black; width: 100px; height: 100px;"></div>	<div style="border: 1px solid black; width: 100px; height: 100px;"></div>	<div style="border: 1px solid black; width: 100px; height: 100px;"></div>	<div style="border: 1px solid black; width: 100px; height: 100px;"></div>

**2** Write the missing numbers in each.

3	4				8
9		11	12		
			18		20
	22	23		25	

**3** Magy had 8 books. She gave 2 books to Nada.

How many books have left with Magy ?

The left books =  $\square - \square$   
 =  $\square$  books

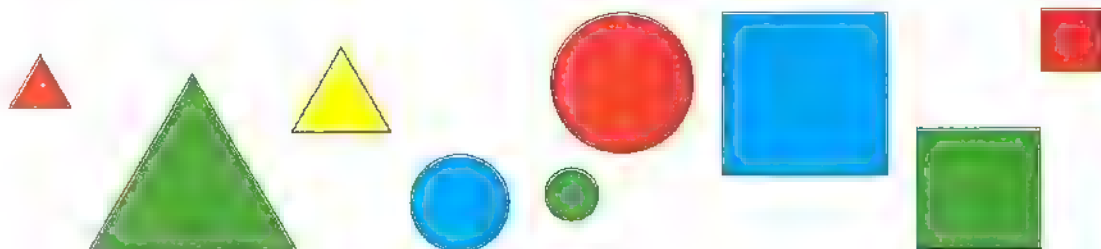
**4** Put ">,"< or =".

12 $\square$ 21	18 $\square$ 17
15 $\square$ 15	5 $\square$ 20
Nine $\square$ Zero	Sixteen $\square$ Nineteen

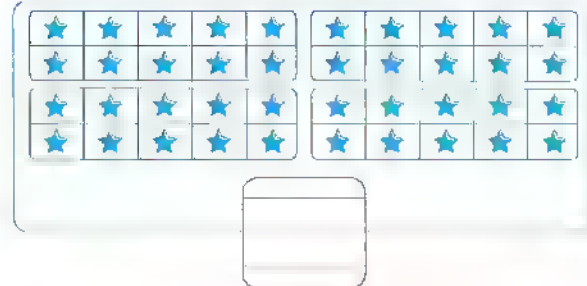
**5** Find the results.

$3 + 5 =$	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <math>8</math>  <math>- 4</math>  <math>\hline</math> </div> <div style="text-align: center;"> <math>4</math>  <math>+ 1</math>  <math>\hline</math> </div> </div>
$10 - 2 =$	
$7 + 1 =$	
$6 - 6 =$	

**6** Circle the figures with the same shape.



**1** Count. Write the numbers.



**2** Arrange in an ascending order.

35, 25, 37, 29, 8

The order is : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**3** Arrange in a descending order.

30, 21, 27, 40, 38

The order is : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**4** Write a pair of addition and subtraction facts for each group of numbers.

3	4	7
_____	+	_____ = _____
_____	+	_____ = _____
_____	-	_____ = _____
_____	-	_____ = _____

2	6	8
_____	+	_____ = _____
_____	+	_____ = _____
_____	-	_____ = _____
_____	-	_____ = _____

1	9	10
_____	+	_____ = _____
_____	+	_____ = _____
_____	-	_____ = _____
_____	-	_____ = _____

**5** Subtract. Write the numbers.

$$7 - 4 = \underline{\quad}$$

$$10 - 1 = \underline{\quad}$$

$$9 - 3 = \underline{\quad}$$

$$6 - 6 = \underline{\quad}$$

$$8 - 0 = \underline{\quad}$$

$$3 - 2 = \underline{\quad}$$

5
- 1
_____

8
- 2
_____

4
- 0
_____

9
- 7
_____

6
- 3
_____

**6** Answer the following problems.

Osama has 9 candies, he gave 4 candies to Rana.

How many candies does Osama have now ?

What Osama has =

$$\square - \square = \square \text{ candies.}$$

Mary had 8 balloons, 2 of them flew away.

How many balloons are left ?

The left balloons =

$$\square - \square = \square \text{ balloons.}$$

**7** Write the missing numbers in each pattern using the fact families.

8  10  12  14

5 6   9

10  12   15



**8** Write the number that comes just before.

<input type="text"/>	12	<input type="text"/>	40
<input type="text"/>	27	<input type="text"/>	35

**9** Write the numbers that comes just after.

24	<input type="text"/>	32	<input type="text"/>
39	<input type="text"/>	18	<input type="text"/>

**10** Write the results. Put ">," < or =".

$$2 + 3 \bigcirc 9 - 5$$

$$4 + 2 \bigcirc 8 - 3$$

$$10 - 4 \bigcirc 3 + 3$$

$$10 - 0 \bigcirc 1 + 9$$

# Accumulative Assessment

Till Chapter 6

## 1 Find the results.

•  $2 + 4 =$  \_\_\_\_\_

•  $8 - 3 =$  \_\_\_\_\_

•  $2 - 0 =$  \_\_\_\_\_

•  $9 - 5 =$  \_\_\_\_\_

•  $7 + 2 =$  \_\_\_\_\_

•  $6 + 0 =$  \_\_\_\_\_

•  $6 + 4 =$  \_\_\_\_\_

•  $10 - 5 =$  \_\_\_\_\_

•  $7 - 2 =$  \_\_\_\_\_

## 2 Write (✓) to the correct statement and (X) to the incorrect statement.

• 35 comes just after 34 ( )

• 39 is 1 more than 40 ( )

• 30 is less than 39 ( )

•  $3 + 5 = 8$  ( )

•  $10 - 6 = 5$  ( )

•  $3 - 3 = 1$  ( )

## 3 Arrange in an ascending order.

31

9

21

14

40

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

## 4 Mohamed has 9 pounds.

If he bought sweets for 5 pounds.

What is the remainder with him ?

The remainder

= \_\_\_\_\_ = \_\_\_\_\_ pounds.

## 5 Ali has 4 and Paula has 2

How many  do they both have ?

What they both have

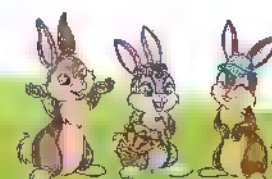
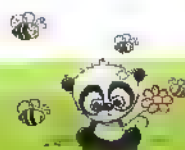
= \_\_\_\_\_ = \_\_\_\_\_ 

## 6 Circle the correct number on the number line.

• One less than 8



• One more than 10



**7** Write the missing numbers.



**8** Count and write the number.










**9** Write ( $>$ ,  $<$  or  $=$ ).

17  21

Ten  Eleven

$9 + 1$    $9 - 1$

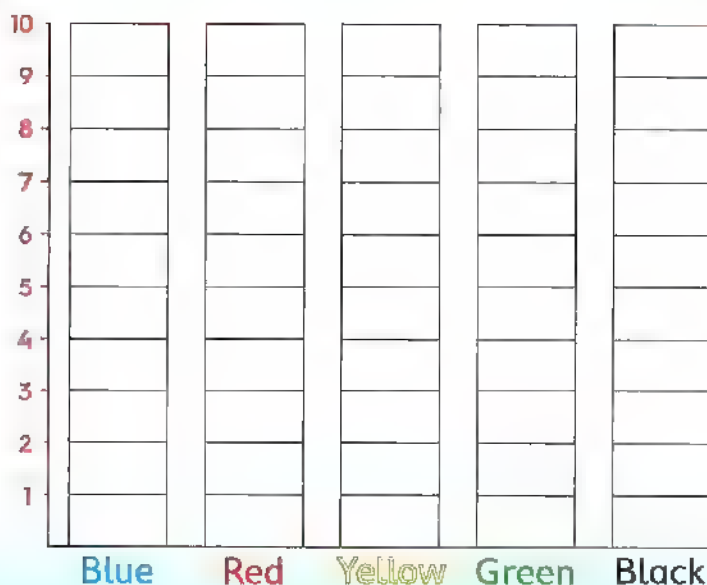
$3 + 5$    $10 - 4$

$6 + 3$    $5 + 2$

$4 - 1$    $0 + 3$

**10** Shade according to the number.

Color	Number
Blue	4
Red	5
Yellow	7
Green	6
Black	2





**1** Write the times below the clocks.



o'clock



o'clock



o'clock



o'clock

**2** Write a suitable number.

$21 > \boxed{\phantom{00}}$

$\boxed{\phantom{00}} = 3$

$\boxed{\phantom{00}} < 17$

$15 < \boxed{\phantom{00}}$

$12 = \boxed{\phantom{00}}$

$\boxed{\phantom{00}} > 30$

**3** Use the number chart to find the results.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$5 - 2 = \underline{\hspace{2cm}}$

$4 + 3 = \underline{\hspace{2cm}}$

$6 - 4 = \underline{\hspace{2cm}}$

$3 + 6 = \underline{\hspace{2cm}}$

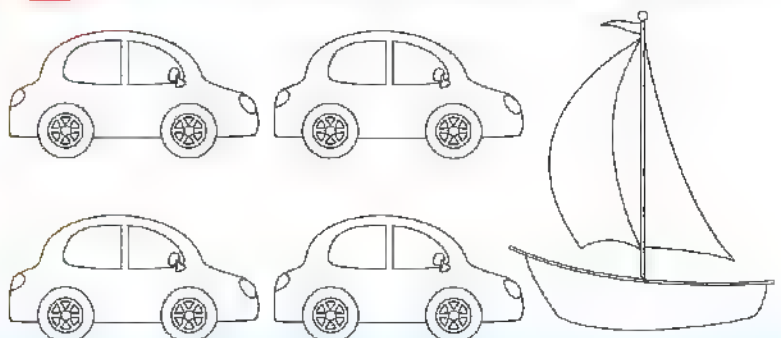
$10 - 2 = \underline{\hspace{2cm}}$

$5 + 5 = \underline{\hspace{2cm}}$

**4** Complete the fact family.

7	2	9
$\underline{\hspace{1cm}}$	$+$	$\underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
$\underline{\hspace{1cm}}$	$+$	$\underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
$\underline{\hspace{1cm}}$	$-$	$\underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
$\underline{\hspace{1cm}}$	$-$	$\underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

**5** Color the picture that does not belong.



# Sheet 23

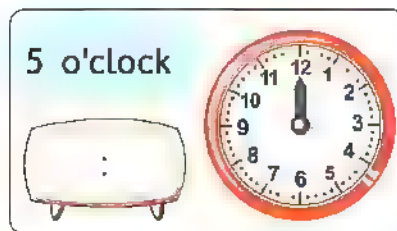
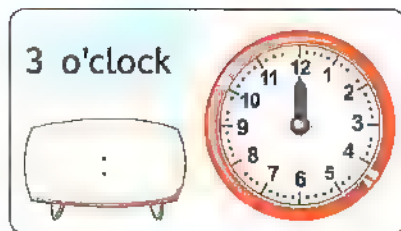
Till lessons 53&54 - chapter 7

**1** Complete the following.

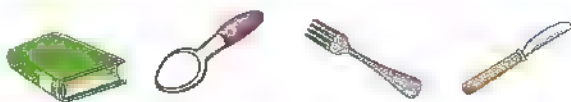
20 21   24   27 28

40   43 44    48

**2** Draw the hour hand on the clock faces. Write the time on the digital clocks.



**3** Circle the picture that does not belong in each row.



**4** Complete with a suitable number.

comes just after 30

comes just before 15

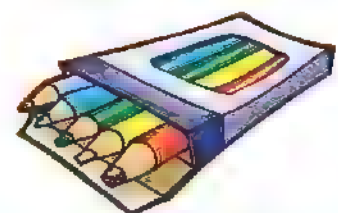
comes just after 7

comes just before 23

**5** Sara had 10 crayons. She gave 3 to her friend.

How many crayons are left ?

The left crayons =  -  =  crayons.



# Sheet 24

Till lessons 55&56 - chapter 7

**1** Put ">,< or =".

30  29

13  31

9  8

Seventeen  27

Twenty-five  25

Sixteen  Fourteen

**2** Write the missing numbers of each.

10 9     4 3

50  52 53   56  58

60 61  63    67

**3** Find the difference between.

10 and 3

-  =

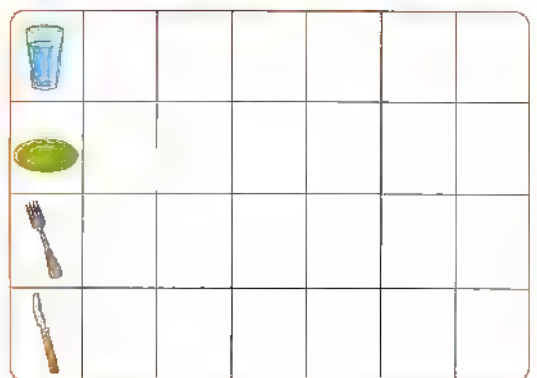
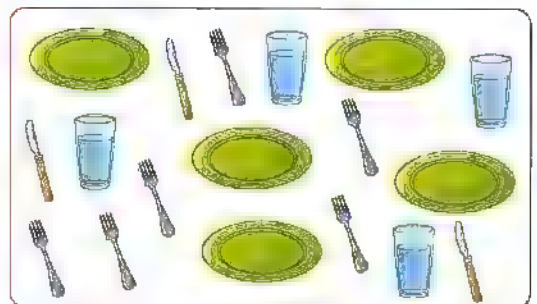
2 and 8

-  =

**5** Cross out the animal that is different.



**4** Use the picture to complete the picture graph.



**1** Put "+" or "-".

$4 \square 3 = 7$

$10 \square 6 = 4$

$2 \square 2 = 0$

$7 \square 2 = 9$

**2** Complete the missing numbers.

41					46				50
	52	53				57		59	
			64				68		
	72			75			78		80
81			84			87			
		93			96				100

**3** Find the results.

$18 - 4 = \underline{\quad}$

$12 + 3 = \underline{\quad}$

$7 + 10 = \underline{\quad}$

$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$$



**4** Match.



05:00

03:00

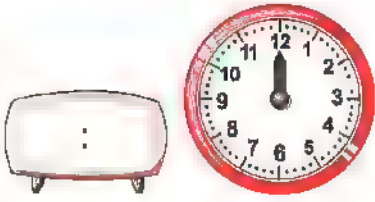
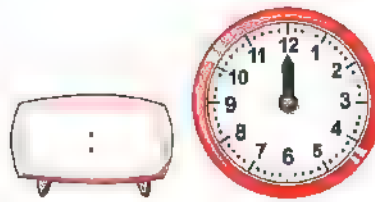

07:00

10:00

**5** Choose.

- 13 is greater than  $\underline{\quad}$  (15 or 12)
- 24 is less than  $\underline{\quad}$  (30 or 20)
- $\underline{\quad}$  comes just after 16 (15 or 17)
- $\underline{\quad}$  comes just before 28 (27 or 29)
- $\underline{\quad}$  is equal to 20 (20 or 10)

- 1** Draw the hour hand on the clock faces. Write the time on the digital clocks.

<p>11 o'clock</p> 	<p>7 o'clock</p> 	<p>4 o'clock</p> 
---	---	--

- 2** Find the results.

$12 + 5 = \underline{\quad}$	$17 - 1 = \underline{\quad}$	$13 - 9 = \underline{\quad}$
$10 + 8 = \underline{\quad}$	$11 + 6 = \underline{\quad}$	$20 - 10 = \underline{\quad}$

$\begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 13 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 2 \\ \hline \end{array}$
---	--	--	--	--

- 3** Write the missing numbers.

50		52	53			56			
	92			95	96			99	
85	86			89			92		
61	62				66	67			

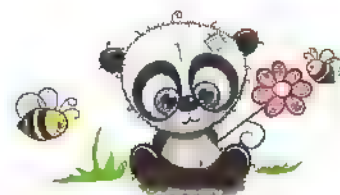


**4** Cross out the picture that does not belong in each group.



**5** Complete the following using subtraction fact families.

8	<input type="text"/>	6	5	4	<input type="text"/>
10	9	<input type="text"/>	<input type="text"/>	<input type="text"/>	5
<input type="text"/>	4	3	<input type="text"/>	1	<input type="text"/>



**6** Put "+" or "-".

5 <input type="text"/> 3 = 8	6 <input type="text"/> 2 = 4
9 <input type="text"/> 2 = 7	0 <input type="text"/> 1 = 1



**7** Put ">," < or =".

$$7 + 5 \bigcirc 15 - 12$$

$$6 + 8 \bigcirc 16 - 2$$

$$18 - 8 \bigcirc 3 + 13$$

$$20 - 7 \bigcirc 9 + 3$$

# Accumulative Assessment

Till Chapter 7

**1** Find the results.

$7 + 8 = \underline{\quad}$

$15 - 6 = \underline{\quad}$

$12 + 1 = \underline{\quad}$

$20 - 6 = \underline{\quad}$

8

+ 5

6

+ 7

13

+ 4

18

- 5

12

- 7

17

+ 1

**2** Count, write the number.













**3** Arrange in an ascending order.

63, 73, 81, 29, 100

The order is : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**4** Arrange in a descending order.

54, 39, 69, 47, 90

The order is : \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**5** Cross out the picture that does not belong in each group.



**6** Choose the correct answer.

- 63 is greater than \_\_\_\_\_ (50 or 65 or 75)
- \_\_\_\_\_ is less than 81 (19 or 90 or 99)
- \_\_\_\_\_ comes just after 79 (70 or 80 or 81)
- \_\_\_\_\_ is equal to sixteen. (6 or 16 or 61)
- 89 \_\_\_\_\_ 89 (> or < or =)

**7** Complete the fact family.

8	3	5
_____	+	_____ = _____
_____	+	_____ = _____
_____	-	_____ = _____
_____	-	_____ = _____

**8** Write the time below the clocks.



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock

**9** Draw the two hands of the clock.



8 o'clock



4 o'clock



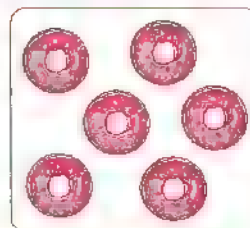
1 o'clock



**10** Petra baked 16 big cookies and 3 small cookies.

How many cookies did she bake in all ?

What she baked = \_\_\_\_\_ = \_\_\_\_\_ cookies.



**11** Ahmed has 9 marbles. His friend Mostafa has 6 marbles.

How many more marbles does Ahmed have ?

What Ahmed has more than Mostafa = \_\_\_\_\_ = \_\_\_\_\_ marbles.



# GENERAL REVISION





# General Revision

## 1 Choose the correct answer.

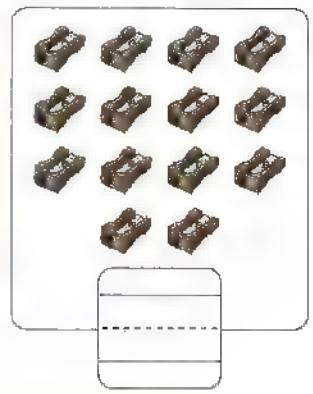
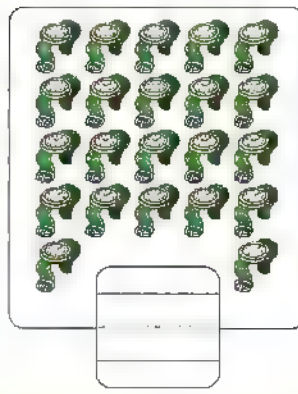
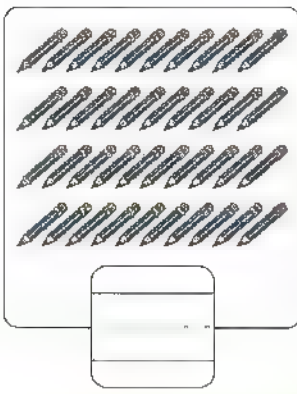
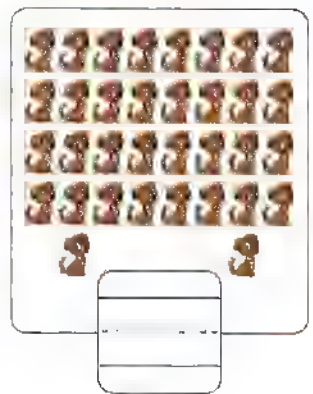
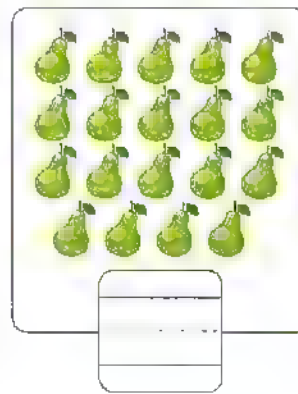
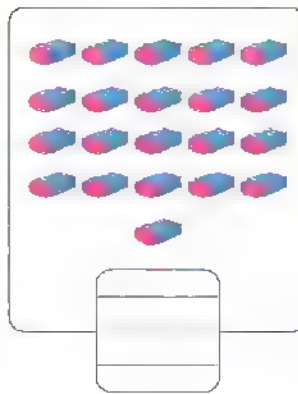
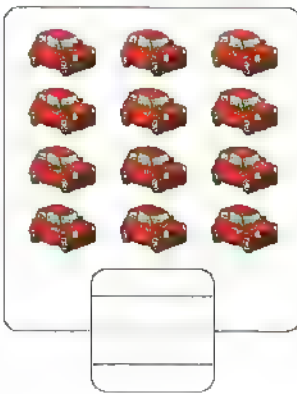
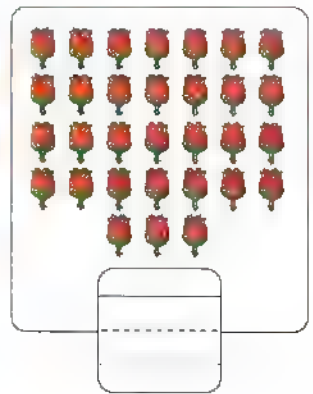
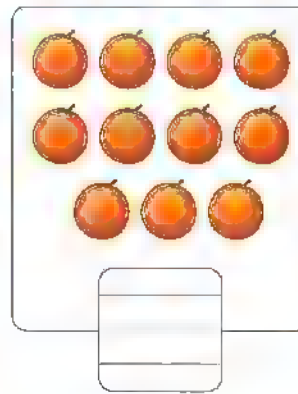
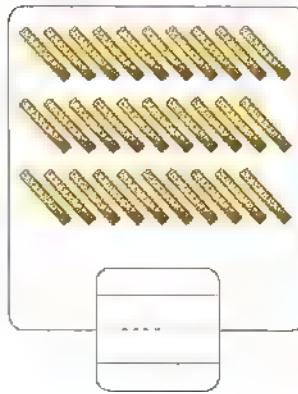
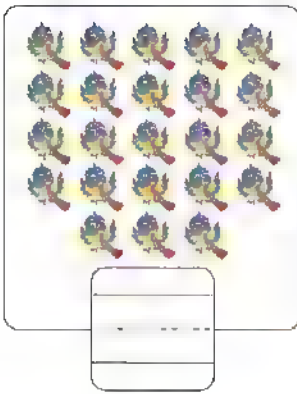
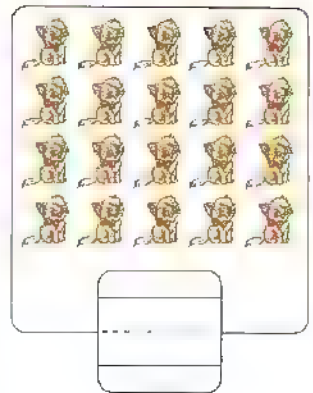
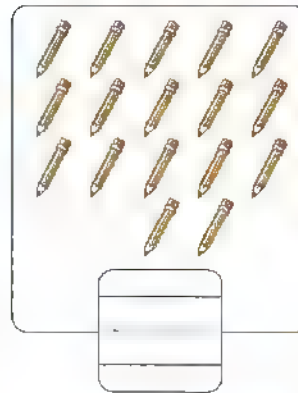
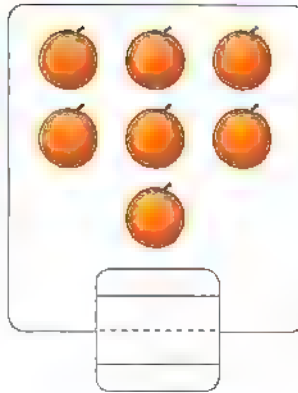
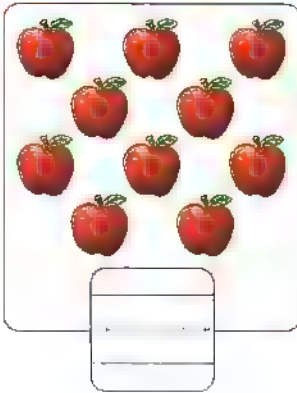
- a. 35 is 1 less than \_\_\_\_\_ (33 or 34 or 36)
- b. 29 is 1 more than \_\_\_\_\_ (28 or 30 or 31)
- c. 44 comes just before \_\_\_\_\_ (43 or 44 or 45)
- d. 26 comes just after \_\_\_\_\_ (25 or 26 or 27)
- e. Thirty-two = \_\_\_\_\_ (23 or 32 or 30)
- f. Twelve = \_\_\_\_\_ (11 or 12 or 13)
- g.  $41 =$  \_\_\_\_\_ (fourteen or forty-one or forty)
- h. \_\_\_\_\_ comes just before 27 (26 or 27 or 28)
- i. \_\_\_\_\_ comes just after 63 (62 or 63 or 64)
- j.  $3 + 2 =$  \_\_\_\_\_ (4 or 5 or 6)
- k.  $7 - 5 =$  \_\_\_\_\_ (1 or 2 or 3)
- l.  $15 + 4 =$  \_\_\_\_\_ (16 or 19 or 20)
- m.  $7 + 3$    $5 + 5$  ( $>$  or  $<$  or  $=$ )
- n.  $17 - 5$    $14 - 1$  ( $>$  or  $<$  or  $=$ )
- o.  $3 + 9$    $16 - 6$  ( $>$  or  $<$  or  $=$ )
- p. Fifteen  25 ( $>$  or  $<$  or  $=$ )
- q. Thirty  13 ( $>$  or  $<$  or  $=$ )
- r. \_\_\_\_\_  $> 38$  (29 or 34 or 40)
- s.  $29 >$  \_\_\_\_\_ (15 or 30 or 35)
- t. Forty  Seventeen ( $>$  or  $<$  or  $=$ )
- u. \_\_\_\_\_  $> 14 - 6$  (7 or 8 or 9)
- v. \_\_\_\_\_  $< 5 + 4$  (7 or 9 or 10)
- w.  $11 + 1 <$  \_\_\_\_\_ (11 or 12 or 13)
- x.  $15 + 2 =$  \_\_\_\_\_ (10 + 7 or 15 - 2 or 10 + 5)
- y.  $14 - 3 =$  \_\_\_\_\_ (10 + 3 or 10 + 1 or 5 + 5)
- z.  $7 +$  \_\_\_\_\_  $= 10$  (4 or 2 or 3)







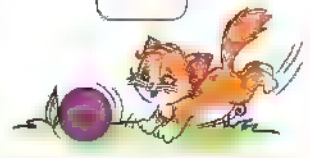
Count. Write the number.





**3 Write in digits.**

- |                |                      |             |                      |               |                      |
|----------------|----------------------|-------------|----------------------|---------------|----------------------|
| a. Eight       | <input type="text"/> | b. Five     | <input type="text"/> | c. Ten        | <input type="text"/> |
| d. Two         | <input type="text"/> | e. Eleven   | <input type="text"/> | f. Thirteen   | <input type="text"/> |
| g. Thirty      | <input type="text"/> | h. Forty    | <input type="text"/> | i. Twenty-one | <input type="text"/> |
| j. Fifty-four  | <input type="text"/> | k. Fourteen | <input type="text"/> | l. Seventy    | <input type="text"/> |
| m. Sixty-nine  | <input type="text"/> | n. Twelve   | <input type="text"/> | o. Fifteen    | <input type="text"/> |
| p. Thirty-nine | <input type="text"/> |             |                      |               |                      |



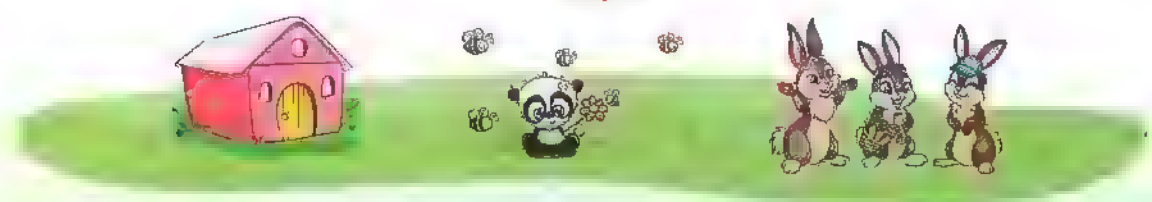
**4 Write (✓) to the correct statement and (X) to the incorrect statement.**

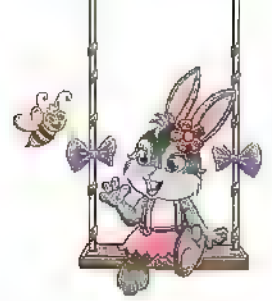
- |                           |       |                            |       |
|---------------------------|-------|----------------------------|-------|
| a. $3 + 8 = 10$           | (   ) | b. $7 - 2 = 5$             | (   ) |
| c. $4 + 2 = 6$            | (   ) | d. $10 - 1 = 8$            | (   ) |
| e. $9 + 3 = 21$           | (   ) | f. $14 - 6 = 7$            | (   ) |
| g. $7 > 8$                | (   ) | h. $14 < 41$               | (   ) |
| i. $70 > 27$              | (   ) | j. Seventeen $> 17$        | (   ) |
| k. 31 is 1 more than 30   | (   ) | l. 28 is 1 less than 29    | (   ) |
| m. 28 comes just after 29 | (   ) | n. 16 comes just before 17 | (   ) |

- o. The time shown on the clock  is 4 o'clock (   )

- p. The time shown on the clock  is 10 o'clock (   )

- q. The time shown on the clock  is 2 o'clock (   )





**5** Arrange in an ascending order.

a. **31** , **19** , **72** , **80** , **25**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

b. **47** , **29** , **8** , **10** , **52**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

c. **64** , **77** , **46** , **70** , **0**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



**6** Arrange in a descending order.

a. **29** , **92** , **60** , **39** , **100**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

b. **58** , **67** , **16** , **30** , **10**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

c. **37** , **45** , **19** , **28** , **41**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



**7** Write the missing numbers.

a. 21 22   25   28 29

b. 40 41    45   48

c. 85 86     91

d. 13   16     21



## 8 Complete.

a.  $3 + 1 =$  \_\_\_\_\_

b.  $4 + 7 =$  \_\_\_\_\_

c.  $8 + 6 =$  \_\_\_\_\_

d.  $13 + 2 =$  \_\_\_\_\_

e.  $3 +$  \_\_\_\_\_  $= 10$

f. \_\_\_\_\_  $+ 9 = 10$

g.  $6 +$  \_\_\_\_\_  $= 10$

h. \_\_\_\_\_  $+ 8 = 10$

i.  $7 - 5 =$  \_\_\_\_\_

j.  $9 - 3 =$  \_\_\_\_\_

k.  $5 - 5 =$  \_\_\_\_\_

l.  $14 - 3 =$  \_\_\_\_\_

m.  $18 - 6 =$  \_\_\_\_\_

n.  $17 - 7 =$  \_\_\_\_\_

o.  $19 - 8 =$  \_\_\_\_\_

p.

$$\begin{array}{r} 17 \\ - 6 \\ \hline \end{array}$$

q.

$$\begin{array}{r} 12 \\ + 5 \\ \hline \end{array}$$

r.

$$\begin{array}{r} 14 \\ + 6 \\ \hline \end{array}$$

s.

$$\begin{array}{r} 20 \\ - 5 \\ \hline \end{array}$$

t. 37 is 1 more than \_\_\_\_\_

u. \_\_\_\_\_ is 1 less than 30

v. \_\_\_\_\_ comes just after 43

w. 52 comes just before \_\_\_\_\_

## 9 Match the clocks that show the same time.



## 10 Match the equal results.

$7 + 5$

$6 + 2$

$14 + 3$

$12 + 3$

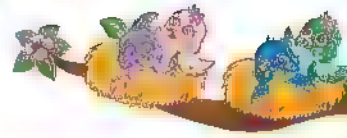
$19 - 2$

$15 - 3$

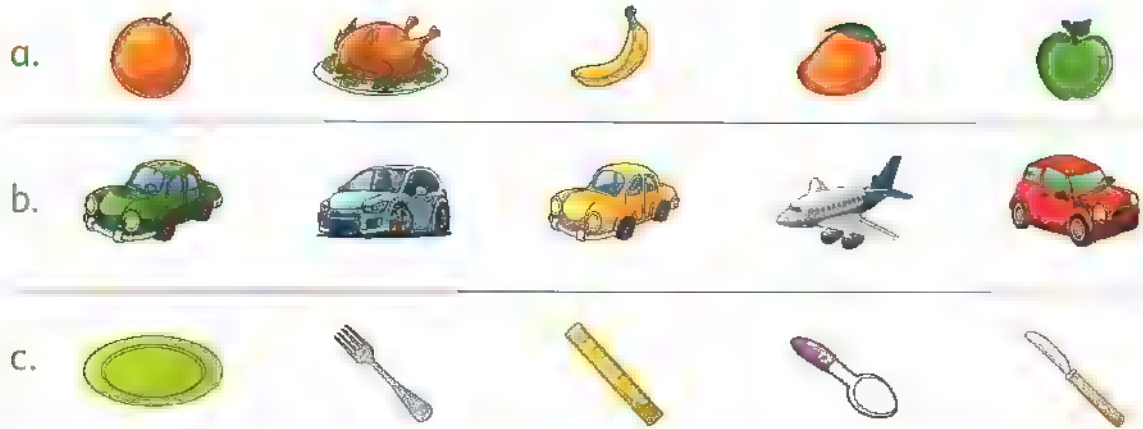
$10 - 2$

$20 - 5$

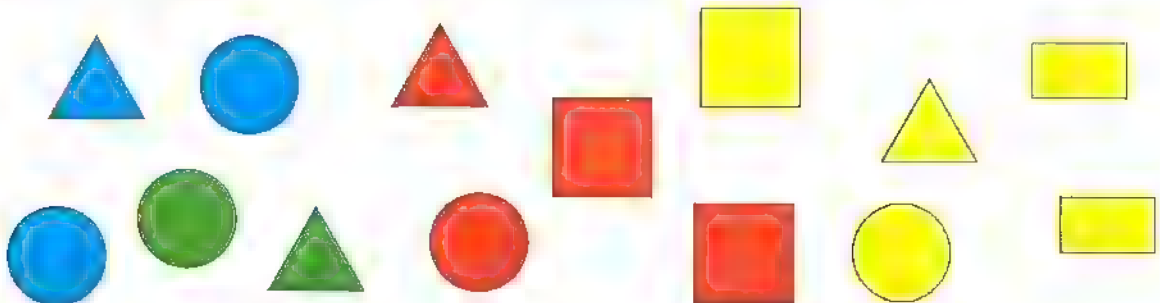




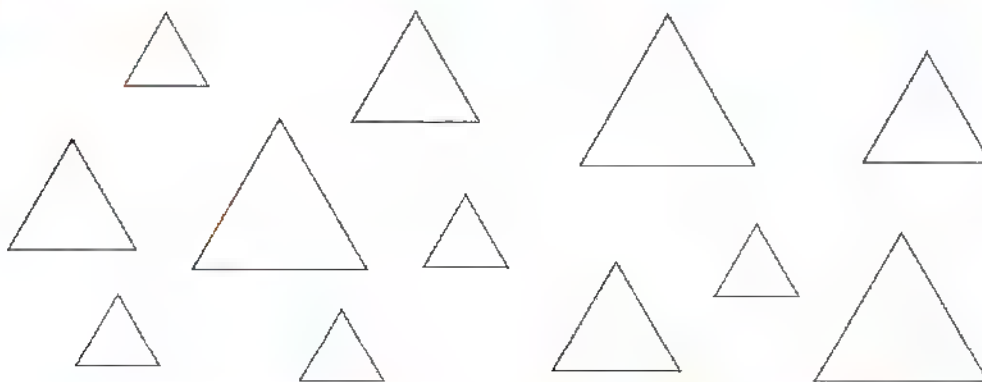
**11** Circle the picture that does not belong.



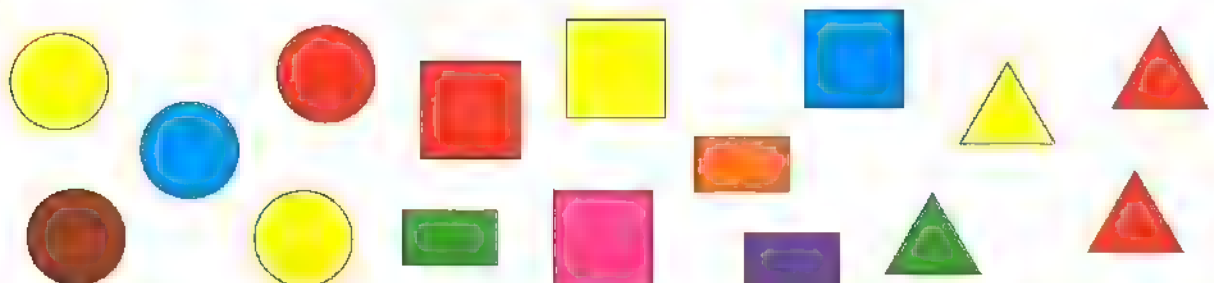
**12** Circle the objects with the same color.



**13** Color the shapes that have the same size by the same color.



**14** Circle the objects having the same shape.





# 15 Write the time.



o'clock



o'clock



o'clock



o'clock

# 16 Draw the two hands of the clock.



8 o'clock



5 o'clock



9 o'clock



1 o'clock

# 17 Write the fact family.

3	6	9
+		=
+		=
-		=
-		=

1	8	7
+		=
+		=
-		=
-		=

15	8	7
+		=
+		=
-		=
-		=

# 18 Answer the following.

- a. Ahmed bought a pen for 5 pounds and a ruler for 3 pounds.

How much money did Ahmed pay ?

What Ahmed paid =

+ = pounds.

- b. Paula has 18 balloons and his sister Petra has 5 balloons.

Find the difference between what they have.

The difference =

- = balloons.

- c. Mostafa has 7 books. Marwan has 9 books. How many more books does Marwan have than Mostafa ?

The number of books =

- = books.

- d. Sarah has 8 pink flowers and Mariam has 3 red flowers. How many flowers do they have in all ?

What they have =

+ = flowers.


## 19 Count. Color according to the number.




8				
7				
6				
5				
4				
3				
2				
1				

### • Complete :

- Number of  = \_\_\_\_\_

- Number of  = \_\_\_\_\_





- Number of  = \_\_\_\_\_

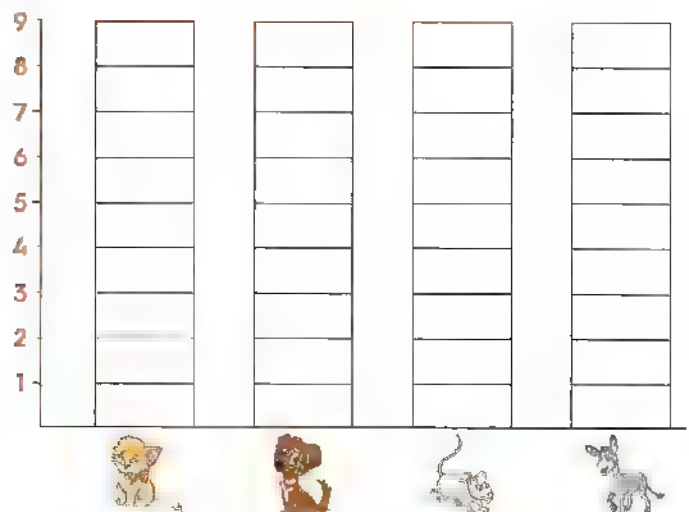
- Number of  = \_\_\_\_\_

### • Circle the shape which has the most number.



## 20 Shade according to the number.

Animal	Number
	6
	4
	9
	4



### • Complete write "> , < or =".

a. Number of   Number of 

b. Number of   Number of 

c. Number of   Number of 

d. Number of   Number of 





Use the picture to complete picture graph.



• Complete.

a. The number of  =

b. The number of  =

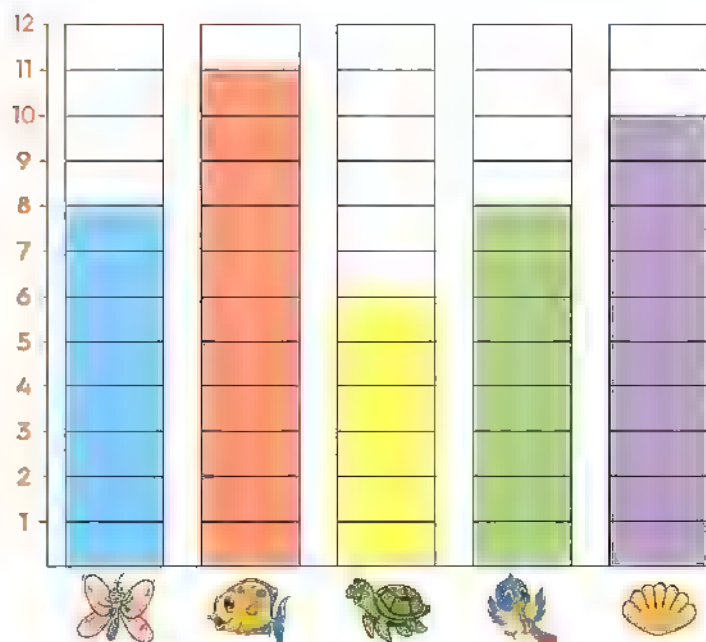
c. The number of  =

d. The number of  =



Complete the following table.

Item	Number
	
	
	
	
	



• Complete by using "> , < or =".

a. The number of   The number of 

b. The number of   The number of 

c. The number of   The number of 



# FINAL ASSESSMENTS



In these final assessments your child will review on all what he/she had learned in first term.

# Assessment 1

## 1 Add or subtract.

$$\begin{array}{r} 3 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 0 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 2 \\ \hline \end{array}$$

$9 + 1 = \underline{\quad}$

$14 - 8 = \underline{\quad}$

$8 - 0 = \underline{\quad}$

$3 - 3 = \underline{\quad}$

$13 + 5 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

## 2 Complete.

a. 36 comes just after  $\underline{\quad}$

b.  $\underline{\quad}$  comes just before 40

c.  $8 + \underline{\quad} = 10$

d. 24 is 1 more than  $\underline{\quad}$

## 3 Write a pair of addition and subtraction facts for each group of numbers.

6	3	9
$\underline{\quad}$	+	$\underline{\quad} = \underline{\quad}$
$\underline{\quad}$	+	$\underline{\quad} = \underline{\quad}$
$\underline{\quad}$	-	$\underline{\quad} = \underline{\quad}$
$\underline{\quad}$	-	$\underline{\quad} = \underline{\quad}$

2	5	7
$\underline{\quad}$	+	$\underline{\quad} = \underline{\quad}$
$\underline{\quad}$	+	$\underline{\quad} = \underline{\quad}$
$\underline{\quad}$	-	$\underline{\quad} = \underline{\quad}$
$\underline{\quad}$	-	$\underline{\quad} = \underline{\quad}$

## 4 Put ">," "<" or "=".

7

Nine

$5 + 5$

Eleven

$6 - 2$

4

$3 + 4$

$10 - 2$

$8 - 7$

$1 + 1$



**5** Write the missing numbers of each.

85	86	<input type="text"/>	<input type="text"/>	89	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	6	<input type="text"/>
61	<input type="text"/>	63	<input type="text"/>	65	<input type="text"/>	<input type="text"/>	<input type="text"/>



**6** Cross out the different item in each row.



**7** Sara had 9 apples. She gave 2 to her friends.

How many apples are left?

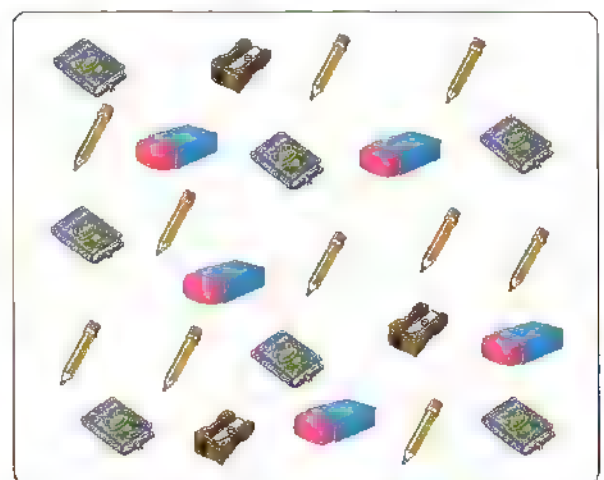
The left apples =

$$\boxed{\phantom{00}} - \boxed{\phantom{00}} = \boxed{\phantom{00}} \text{ apples.}$$

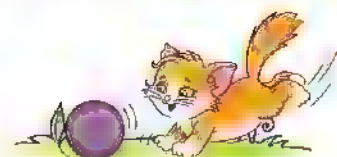


**8** Color to show how many of each item.

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				



• Circle the item there is the most of.

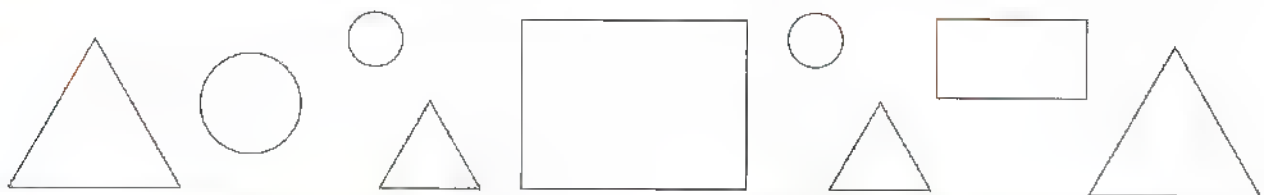


# Assessment 2

 Draw ● according to the number.

40	18	26	53

 Color the similar figures with the same color.



 Put the numbers in their correct places.

6 and 16

is greater than

0 and 1


is less than

 Arrange in a descending order.

,  ,  ,  ,

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_




 Youssef bought 3 big water bottles and 5 small water bottles.

How many water bottles did Youssef buy in all ?

The number of all bottles

=  +  =  bottles.

 Join to get 10.

7	2
1	3
5	10
8	9
4	5
0	6

**7** Write a suitable number.

$\square > 5$

$19 = \square$

$13 > \square$

$10 < \square$

$\square = 2$

$\square < 7$

**8** Find the difference between.

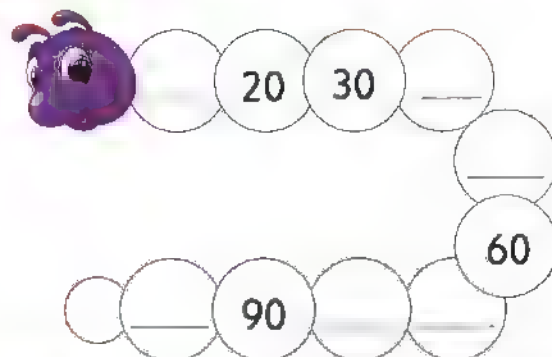
6 and 1

$\square - \square = \square$

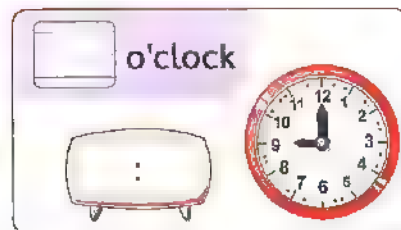
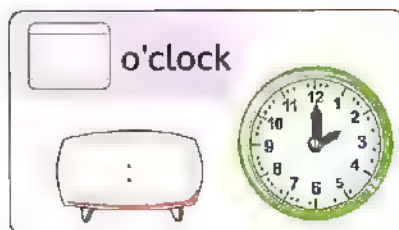
12 and 9

$\square - \square = \square$

**9** Count by tens.



**10** Write the times shown in two ways.



**11** Use the following picture to complete the picture graph.




• Put ">," < or =".

- The number of  $\square$  the number of

- The number of  $\square$  the number of

- The number of  $\square$  the number of



# Assessment 3

1 Complete with the suitable number.

comes just before 54

is 1 more than 16

comes just after 81

is 1 less than 20

2 Put "+" or "-".

7  3 = 10

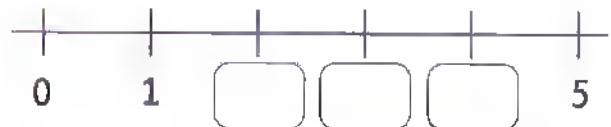
9  1 = 8

3 Arrange in an ascending order.

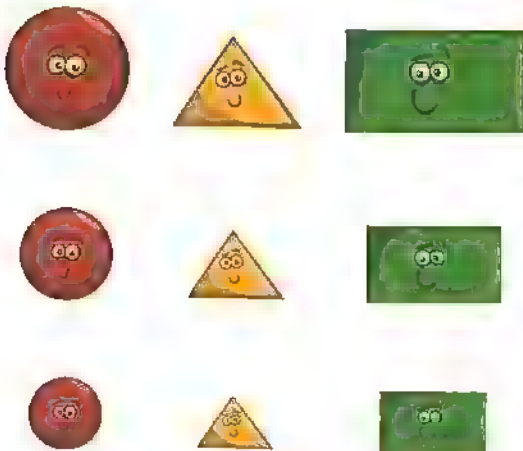
34, 43, 9, 99, 10

The order is : —, —, —, —, —

4 Write the missing numbers in each number line.



5 Circle the objects having the same shape ( , ,  ).



6 Find the results.

$5 + 2 = \underline{\quad}$   $13 - 4 = \underline{\quad}$

$\begin{array}{r} 6 \\ + 3 \\ \hline \end{array}$

$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$

$\begin{array}{r} 11 \\ - 1 \\ \hline \end{array}$




 Magy has 8 pencils. Ahmed has 3 pencils.

How many more pencils does Magy have than Ahmed ?

The difference =

=  -  =  pencils.

 Circle the clock that shows 4 o'clock.




• Write the time on the digital clock.

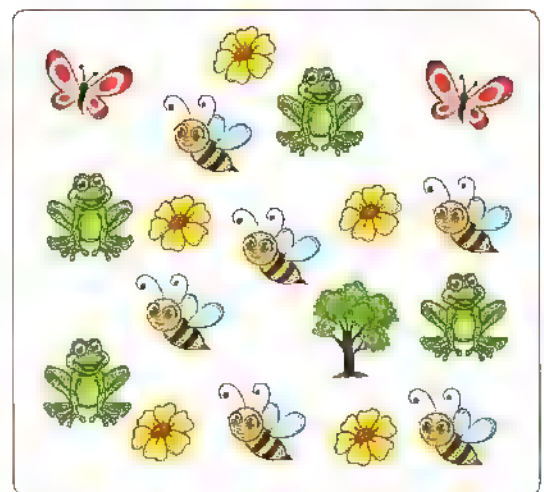


 Complete the missing numbers.

	52				56				
			64						70
		73				77			
81								89	
				95			98		

**10** Color to show how many of each item.



- Circle which item there is the most of.



- Circle which item there is the least of.



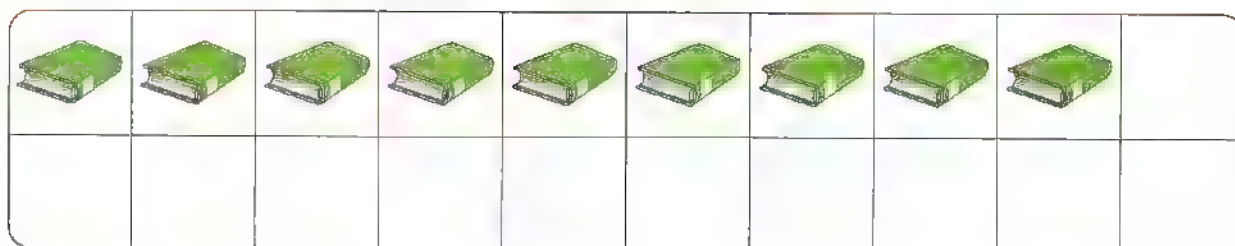


# Assessment 4

1 Circle the chairs which have 3 legs.



2 Draw  to show the same number of  as .



• Choose :

- The number of  \_\_\_\_\_ the number of .

☐ is greater than

☐ is less than

☐ is equal to

3 Put ">,"< or =".

Five

$7 - 3$

$8 + 2$

$6 + 4$

$17 - 6$

$6 + 7$

$5 - 5$

One

4 Draw the hour hand on the clock faces. Write the time on the digital clock.

2 o'clock



11 o'clock



5 Write the number that comes just before.

	15
--	----

	68
--	----

	30
--	----


	93
--	----

6 Write a pair of addition and subtraction facts for each group of numbers.

7	+	=
3	+	=
10	-	=






1	+	=
4	+	=
5	-	=

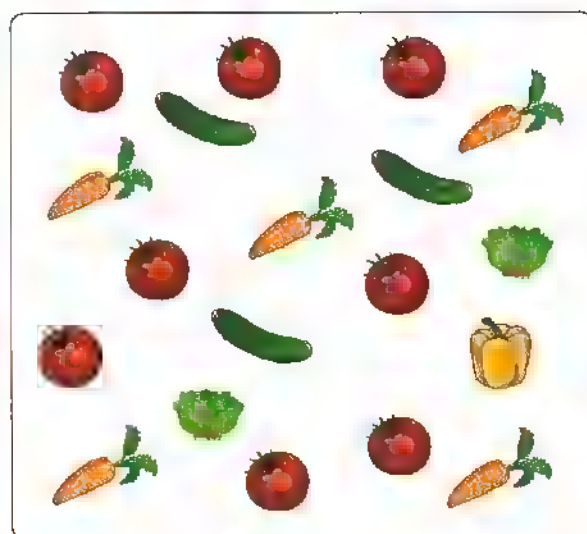
7 Draw 2 more ♥, count, then write the total number.

	_____
--	-------







	_____
---	-------

8 Color to show how many of each item.

10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
					



• Put ">,"< or =".

- The number of   the number of 
- The number of   the number of 
- The number of   the number of 



# Assessment 5

1 Write the missing numbers of each.

22	23	<input type="text"/>	<input type="text"/>	26	<input type="text"/>	<input type="text"/>	<input type="text"/>
9	<input type="text"/>	7	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	20	30	<input type="text"/>	<input type="text"/>	60	<input type="text"/>	<input type="text"/>



2 Amir has 5 red fish. He also has 3 yellow fish.  
How many fish does he have in all?  
Amir has =

+  =  fish.



3 Join the equal results.

8 - 2	2 + 1
4 + 1	4 - 0
6 - 3	3 + 3
2 + 2	9 - 1
5 + 3	10 - 5

4 Cross out the item does not belong in each row.



5 Complete with a suitable number.

<input type="text"/> > 5	10 < <input type="text"/>
<input type="text"/> = 8	2 > <input type="text"/>



**6** Write the times in two ways.



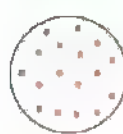
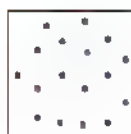
\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock

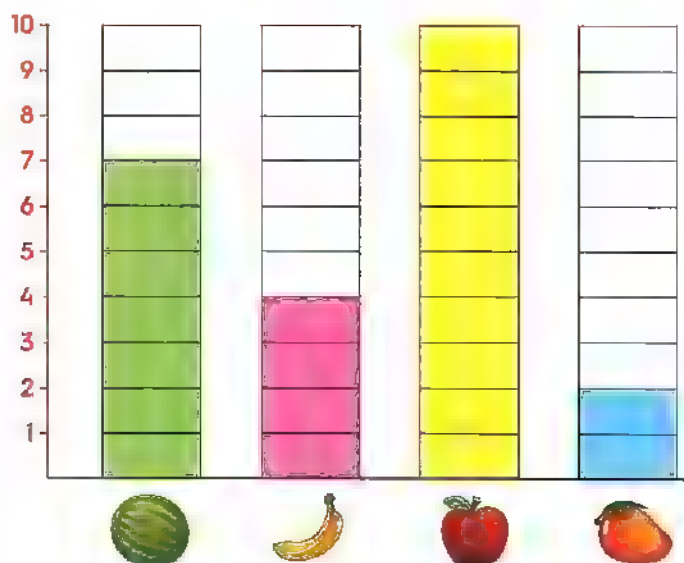


**7** Circle the items having the same size (Large - Medium- Small).



**8** Complete the table.

Fruits	Number
	_____
	_____
	_____
	_____



**9** Show the numbers in ten frames.

13


38


25


# Assessment 6

1 Put the numbers in their correct places.

26 24  
 is greater than   
 38 37  
 is less than



2 Arrange in a descending order.

21 , 8 , 37 , 20 , 73

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



3 Add or subtract.

$$\begin{array}{r} 14 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$$

$$8 - 8 =$$

$$20 - 10 =$$

$$4 + 7 =$$

4 Draw ● according to the number.

25

16

32

44

5 Write (✓) to the correct statement and (X) to the incorrect statement.

a.  $4 + 12 = 17$

( )

b.  $14 + 5 = 19$

( )

c. 37 is 1 more than 36

( )

d.  $7 - 4 = 0 + 4$

( )



**6** Write the number that comes just after.

70

24

58


36

**7** Amgad is 9 years old. His brother Bassem is 6 years old.

Find the difference between their ages.

The difference =  -  =  years.

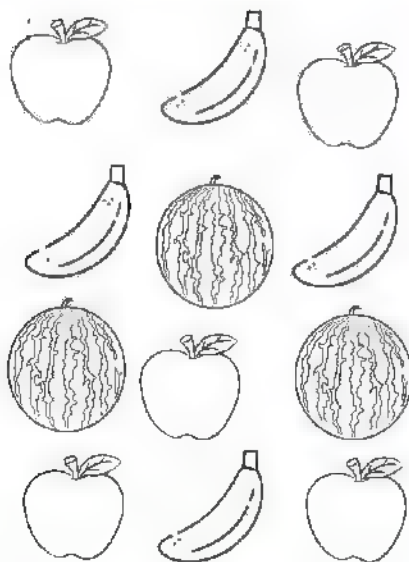
**8** Show the time 11:00 in two ways.

o'clock 

**9** Complete the dots to get 10.



**10** Color the objects with the same shape in the same color.



**11** Color one box for each item.



# Assessment

# 7

**1** Write a pair of addition and subtraction facts for each group of numbers.

4	6	10
+	=	
+	=	
-	=	
-	=	

7	2	9
+	=	
+	=	
-	=	
-	=	



**2** Write the missing numbers.

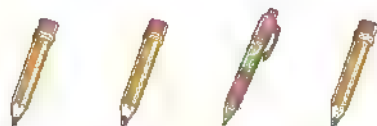
64  66 67  69

8 7   4 3

15   18 19



**3** Circle the picture that is different.



**4** Put "+" or "-".

6  2 = 8

7  4 = 3

0  5 = 5

9  7 = 2

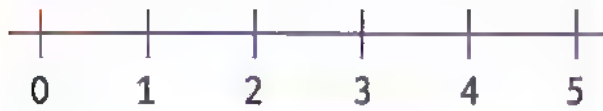
**5** Circle the greater number.



**6** Circle the smaller number.



**7** Circle the correct number on each number line.



One more than 3



One less than 5

**8** Complete with a suitable number.

< Seven

= 35

40 >

Eighteen <

**9** Read the time on analog clock, then show the time in two ways.



\_\_\_\_\_ o'clock



\_\_\_\_\_ o'clock



**10** Use the following picture to complete the picture graph.



• Choose :

- The item has the most number is of.



- The item has the least number is of.



# Assessment 8

**1** Complete with a suitable number.

comes just after 24

comes just before 51

is 1 more than 39

is 1 less than 17

**2** Match.



06:00

4 o'clock



04:00

8 o'clock



08:00

6 o'clock

**3** Put "> , = or <".

Seven  Seventeen

$2 + 10$    $16 - 4$

Thirteen   $5 + 9$

$20 - 5$   Eighteen

**4** Rana has 2 balls and her brother Eyad has 5 balls.

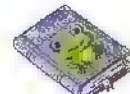
How many balls are there in all ?

The number of balls =

+  =  balls.



**5** Cross out the item does not belong in each row.



**6** Show the numbers in ten frames.

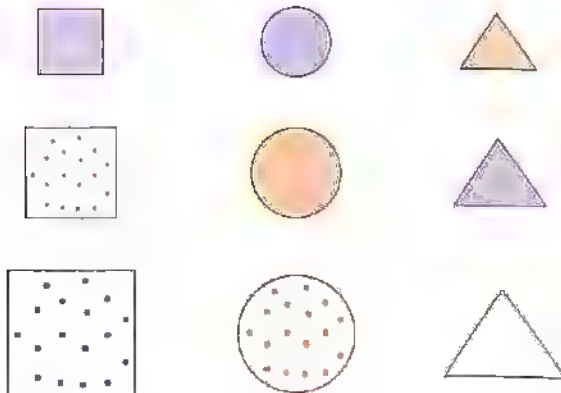
34


57



25


**7** Circle the items having the same shape (circles, squares, triangles).



**8** Find the results.

15 + 5	9 - 7	8 + 4

$3 - 3 =$

$6 + 4 =$

$2 + 16 =$

$17 - 3 =$

**9** Color to show how many of each item.

10				
9				
8				
7				
6				
5				
4				
3				
2				
1				



- Choose : - The item there is the least of.
- The item there is the most of.





# Assessment 9

**1** Complete with a suitable number.

$17 < \square$

$\text{Ten} > \square$

$\square > \text{Twelve}$

$\square = 9$

**2** Adam had 10 balloons. 3 of them flew away.

How many balloons are left?

The number of left balloons =

$\square - \square = \square \text{ balloons.}$

**3** Draw ● according to the number.

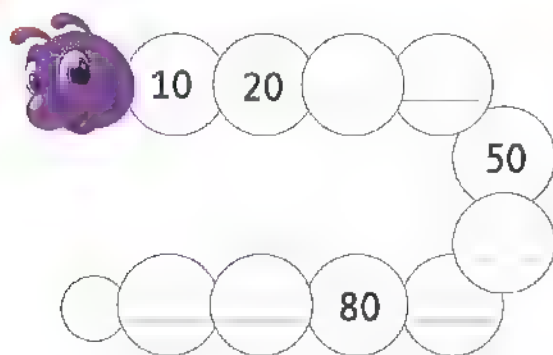
24

62

37

50

**4** Count by 10's.



**5** Write the time on the analog clock in two ways.

\_\_\_\_\_ o'clock



**6** Complete the missing numbers.

		3				7			
				15				19	
21									30
	32				36				

**7** Arrange in an ascending order.

**29** , **8** , **14** , **91** , **55**

The order is : \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



**8** Complete.

- 37 comes just after \_\_\_\_\_
- \_\_\_\_\_ comes just before 50
- \_\_\_\_\_ is 1 more than 25
- 73 is 1 less than \_\_\_\_\_

**9** Match to get 10.

1

2

6

9

8

4

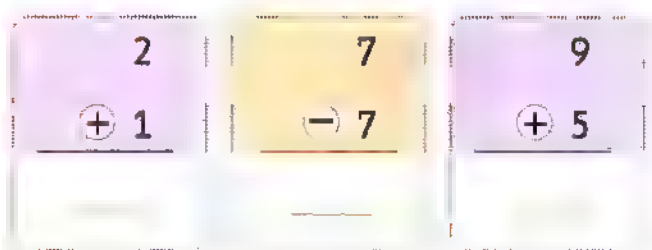
3

5

5

7

**10** Find the results.



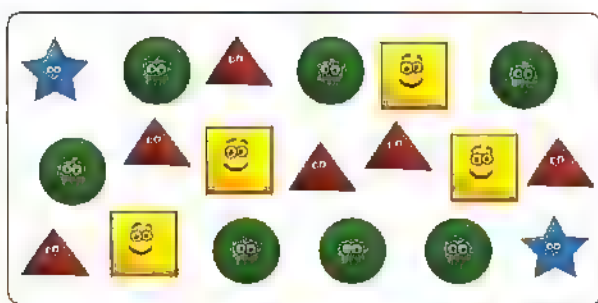
$$12 + 5 =$$

$$4 - 0 =$$

$$18 - 8 =$$

$$6 + 6 =$$

**11** Use the following picture to complete the picture graph.



• Put ">,"< or =".


- The number of   the number of 









- The number of   the number of 

- The number of   the number of 











# Assessment 10

**1** Draw more  to show the written number.

12	     
	 

20	     
	 

**2** Join the equal results.

$2 + 2$

$0 + 7$

$7 - 1$

$12 - 8$

$13 - 6$

$6 + 4$

$6 + 2$

$9 - 3$

$15 - 5$

$5 + 3$

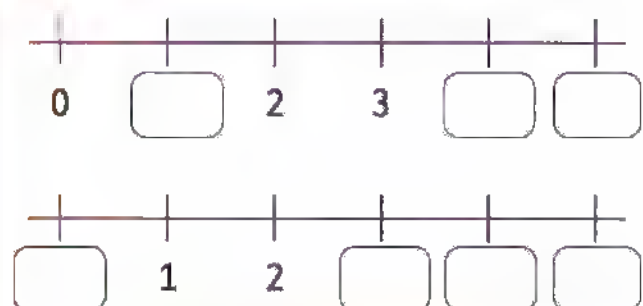
**3** Color the similar objects with the same color.



**4** Show the time 5 o'clock in the digital and analog clocks.



**5** Complete the number line.



**6** Put the numbers in their correct places.

9 and 14

is less than

5 and 8

is greater than

16 and 10

is less than

19 and 12

is greater than

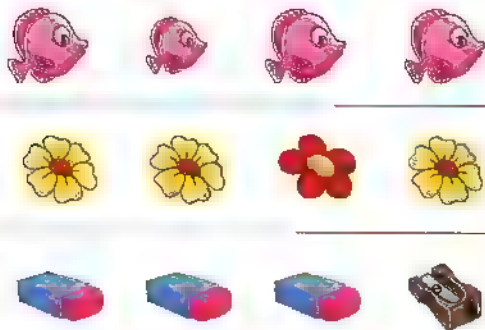
**7** Write a pair of addition and subtraction facts for each group of numbers.

8	2	10
+	=	
+	=	
-	=	
-	=	

4	5	9
+	=	
+	=	
-	=	
-	=	



**8** Circle the different item in each row.



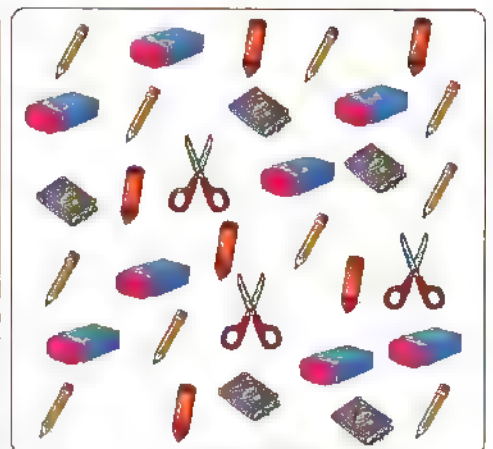
**9** Yousra has 3 oranges and Hany has 4 oranges.

How many oranges do they both have?

They both have =

$$\square + \square = \square \text{ oranges.}$$

**10** Color one box for each item to show how many.

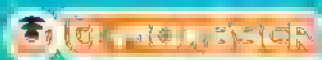
• Circle:

- Which item there is the most of ?



- Which item there is the least of ?





# Mathematics

Grade 1

FREE PART

2



DISCOVER

1

PRIMARY  
FIRST TERM  
2024



# ANSWERS

## of Parents' Guide



Numbers up to 3  
Same / Different

Join according to the number.

Circle the group according to the number.

Color according to the number.

14

Count, Circle the number.

Circle the numbers that are the same as the words.

15

Count, Match.

Join according to the raised fingers.

Draw according to the number.

16

How many are there? Write the numbers.

18

How many birds are there? Write the numbers.

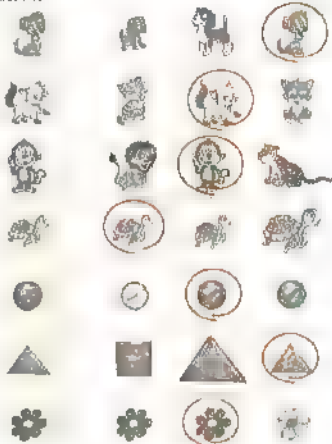


Count the raised fingers. Draw dots according to the number. Write the number.



Same / Different

In each row, circle the picture that is the same as the first one.



10. Circle the same picture.

In each row, circle the picture that is different from the first one.



In each group, circle the picture that is different.



In each group, cross out the picture that is different.



Circle the same picture.

11. Circle the different picture.

Counting up to 5  
The number line  
Graph

On page 27

Counting up to 5

Join according to the number.

1 2 3 4 5

Join

Two Four One Five Three

Color according to the number.

1 2 3 4 5

Count the dots. Match.

Circle the number according to each group.

Circle the numbers that are the same as the words.

Five 1 2 3 4 5  
Three 1 2 3 4 5  
Four 1 2 3 4 5  
Two 1 2 3 4 5

Count, Match.

Join according to the raised fingers.

Draw according to the number.

Four One Five Two

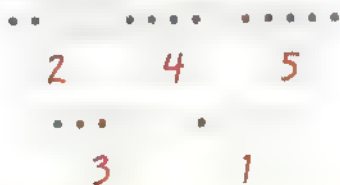
Write the number.

How many fish are there? Write the number.

- 2 Count the raised fingers. Draw dots according to the number. Write the number.



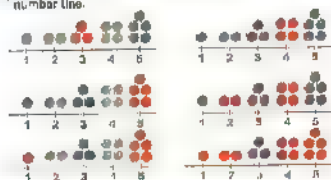
- 3 Write the number of dots.



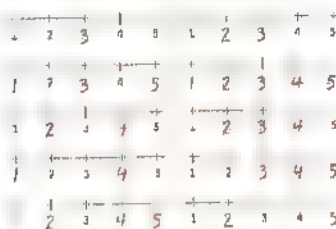
100% Correct

The number line

- 2 Draw the missing dots according to its number on each number line.



- 3 Write the missing numbers on each number line.



11

- 2 Circle the correct number on the number line.

Go back one place



- 3 Circle the correct number on the number line.

Go one place forward



100% Correct

Graph

- 2 Use the graph to answer the question. Circle the correct answer.

- a Which item shows the most?



- b Which item shows the fewest?



- a How many cars are shown?

3 or 4 or 6

- b How many trucks are shown?

2 or 3 or 4

- c How many keys are shown?

2 or 3 or 4

- d How many coins and cars together?

3 or 4 or 5

- e How many trucks are shown?

3 or 4 or 5

12



Color to show how many of each item.



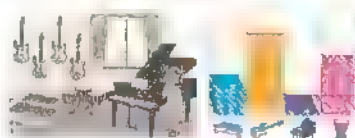
Circle which item there is the most of.



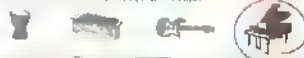
How many do you see and are you playing with you have



Color to show how many of each item.



Which item there is the least of? Circle.



Color to show how many of each item.



Which item there is the most of? Circle.



- Number 0
- Reviewing numbers from 1 to 5

Can you join 0 to 0?

Join.

One Four Zero Two Five Three



Join

0 1 2 3 4 5

Four Three Five Zero Two One

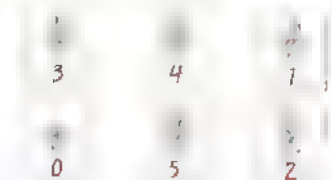
Write the numbers.



How many birds are there? Write the numbers.



Write the number of raised fingers.



Write the number that shows how many.



Count the number of dots on each hat. Write the number.



Count the number of dots in each frame. Write the number.



Count and write the number of children.



Discover the differences and choose their number.



Count. Write the number of each item.



How many?



21. Cross out the extra items to get the written number.  
Write the number of items you crossed.

		Cross out
3		2
2		4
1		1
4		0
5		1

22. Complete drawing s to get the written number.  
Write the number of s you draw.

4		2		3
3		0		2
5		1		5
4		0		2

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23. Use the color codes to color the parrot.

Red	1
Blue	2
Green	4
Yellow	5



47

24. Color the spaces using the color codes.

5	0	1
3	2	4
Blue	Green	Pink



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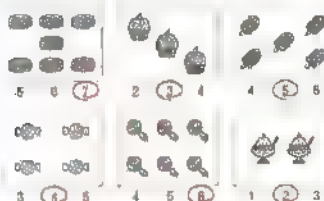


# Exercises

## Numbers 6 & 7

Objectives 1, 4 & 2

Count. Choose the number.

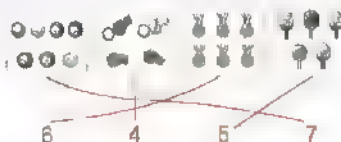


Circle the number of raised fingers.



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Join each picture with the suitable number.



Count. Circle the number.

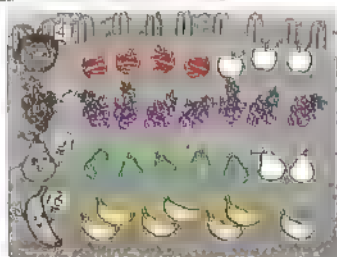


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Ring items according to the written number.



Color the amounts shown on the tags.



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Write the number that shows how many.



Count. Write the number of dots in the frames.

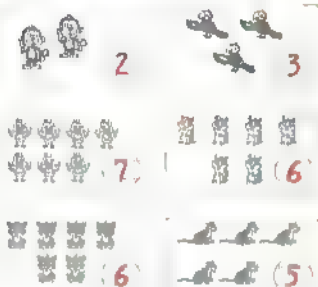


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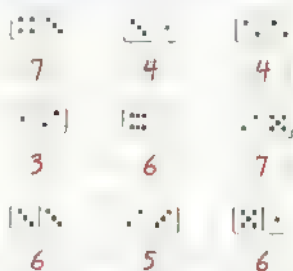
Write the number of raised fingers.



Count. Write the number of animals.



Write the number of dots in each domino.



Count. Draw e according to the number.



Draw e according to the number.



Draw to get the written number. Write how many items you drew.



Cancel to get the written number.



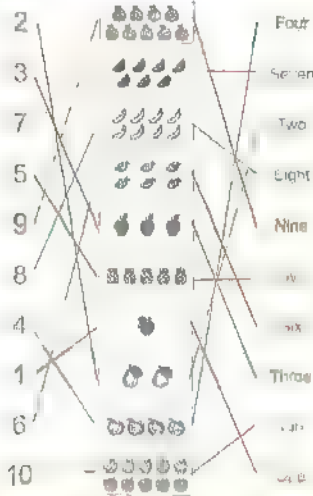
Cancel 1 item in each group. Write the number of the left items.





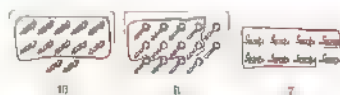


2. Join.

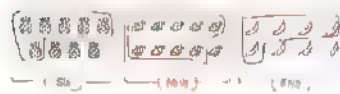


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2. Ring according to the given number.



2. Ring according to the given number.



2. How many insects are there in each group?



11

2. Count the dots and write the number.



2. Count. Draw according to the number. Write the number.



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Complete drawing to get 10 items.  
Write the number of items you draw.



Match to make a 10.

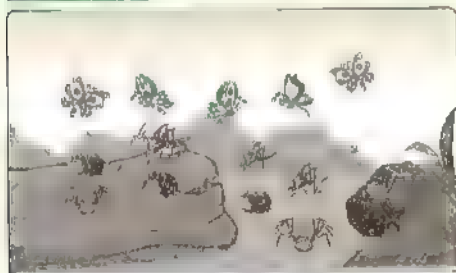


### Jungle Count



Circle how many you see on BOTH PAGES.

- a How many are there? (4) 5 6
- b How many are there? 5 (8) 7
- c How many are there? (2) 3 4
- d How many are there? 7 8 (9)
- e How many are there? 8 9 (10)



Color one box for each insect you see on both pages.



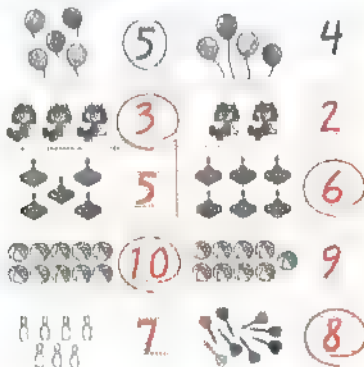
Circle which insect there is the most of.




- One more / One less
- Comes just after / Comes just before

Our theme / Our love

Count. Write the number. Circle the number that is 1 more as the example.



Count. Write the number. Circle the number that is 1 less than the example.

	(4)		5
	(3)		4
	2		(1)
	(7)		8
	10		(9)

Count. Write the number. Color the group that has one more object than the other.

	4		5
	7		6
	3		2

Count. Write the number. Color the group that has one less object than the other.

	9		10
	8		7
	3		4

Write the number who's 1 more than the written number.

7	8	2	3	5	6
6	7	8	9	1	2
3	4	9	10	4	5

Write the number that is 1 less than the written number.

2	3	5	6	9	10
4	5	8	9	1	2
3	4	7	8	6	7

Compute.

• 7 is 1 less than 8	• 4 is 1 less than 5
• 6 is 1 less than 7	• 9 is 1 less than 10
• 3 is 1 less than 2	• 0 is 1 less than 1
• 8 is 1 more than 5	• 9 is 1 more than 8
• 8 is 1 more than 7	• 10 is 1 more than 9
• 5 is 1 more than 4	• 4 is 1 more than 3

Complete.

• 3 is 1 more than 2	• 6 is 1 more than 5
• 4 is 1 more than 3	• 7 is 1 more than 6
• 6 is 1 less than 7	• 4 is 1 less than 5
• 2 is 1 less than 3	• 0 is 1 less than 1
• 8 is 1 more than 7	• 9 is 1 more than 8
• 5 is 1 less than 6	• 8 is 1 less than 9

2 Write (✓) to the correct statement and (X) to the incorrect statement.

- 2 is 1 more than 1 (✓)
- 5 is 1 more than 6 (X)
- 7 is 1 less than 6 (X)
- 8 is 1 more than 7 (✓)
- 9 is 1 less than 10 (✓)
- 4 is 1 less than 3 (X)

3 Choose less or more.

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| 5 is one than 7<br><u>less</u> more  | 3 is one than 4<br><u>less</u> more |
| 10 is one than 9<br>less <u>more</u> | 1 is one than 2<br><u>less</u> more |
| 8 is one than 9<br>less <u>more</u>  | 5 is one than 6<br><u>less</u> more |
| 2 is one than 3<br><u>less</u> more  | 7 is one than 8<br>less <u>more</u> |
| 4 is one than 3<br>less <u>more</u>  | 0 is one than 1<br><u>less</u> more |

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1 Comes just after / Comes just before



2 Write the number that comes just after

- |   |   |   |    |   |   |
|---|---|---|----|---|---|
| 3 | 4 | 4 | 5  | 8 | 9 |
| 7 | 8 | 9 | 10 | 0 | 1 |
| 5 | 6 | 6 | 7  | 1 | 2 |

3 Write the number that comes just before

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 2 | 3 | 3 | 4 | 7 | 8 |
| 6 | 7 | 8 | 9 | 1 | 2 |
| 4 | 5 | 5 | 6 | 0 | 1 |

42

1 Join.

- |                     |    |
|---------------------|----|
| 5 comes just after  | 6  |
| 5 comes just before | 4  |
| 7 comes just after  | 10 |
| 4 comes just before | 1  |
| 2 comes just after  | 8  |
| 7 comes just before | 5  |



2 Choose the correct answer.

- |                       |                |
|-----------------------|----------------|
| • 9 comes just after  | (10 or 9)      |
| • 3 comes just before | (4 or 2 or 1)  |
| • 1 comes just before | (0 or 2 or 3)  |
| • comes just after 5  | (4 or 3 or 6)  |
| • comes just before 9 | (10 or 7 or 8) |
| • comes just after 6  | (5 or 2 or 4)  |

43

1 Complete.

- |                         |                         |
|-------------------------|-------------------------|
| • 5 comes just before 6 | • 10 comes just after 9 |
| • 3 comes just after 2  | • 8 comes just before 9 |
| • 6 comes just before 7 | • 4 comes just after 3  |
| • 9 comes just after 8  | • 2 comes just before 1 |

2 Choose after or before.

- |                                       |  |
|---------------------------------------|--|
| 6 comes just 5<br>before <u>after</u> | 9 comes just 10<br><u>before</u> after |
| 7 comes just 8<br>after <u>before</u> | 2 comes just 1<br><u>after</u> before  |
| 7 comes just 6<br>before <u>after</u> | 3 comes just 4<br>after <u>before</u>  |
| 2 comes just 0<br><u>after</u> before | 4 comes just 5<br><u>before</u> after  |

44



 Write the missing numbers.

2	3	4	5	6
4	5	6	7	8
5	6	7	8	9
0	1	2	3	4
1	2	3	4	5
5	6	7	8	9
2	4	5	6	7

7400  
HALLWAY  
1000



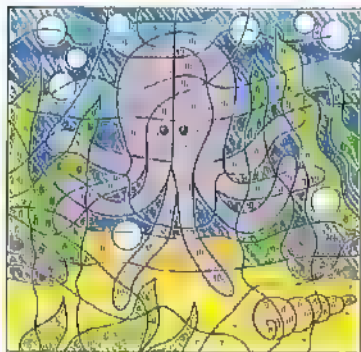
## Chapter 2

 Color the picture.

1 " 2 Orange 3 Green 4 Pink 5 Red  
6 Blue 7 Purple 8 Brown 9 Grey



Go by the picture according to the coloring key.



3 3 7 8 9 10



On Tuesday 19 & 20

Numbers from 11 to 13  
Greater than / Less than / Equal to

Count each group.  
Draw a line from the group to the correct number.

10 11 12 13 4 9

Join

Ten Nine Twelve One Five 1

12 13 9 11 10

at Chapter 3, page 100

Count. Circle the correct number

10 11 12 13 4 9

10 11 12 3 4 5

12 11 9 10 9 8

8 8 10 11 9 7

11

Join

2 6 3 9 12 11 8 5 10 13 1

Four Five Three One Eight Ten Two Six Nine Thirteen Twelve

at Chapter 3, page 100

Count. Write how many there are of each

13 7 12

11 10 9

Count the dots. Write the number of dots

12 11 8

13 9 10

11

Greater than / Less than / Equal to

Circle the number that is greater in each box.



Circle the number that is less in each box.



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Write how many there are in each group.  
Circle the greater number.



Write how many there are in each group.  
Circle the number that is less.



99

Match the groups that have the same number as the example.



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Count. Write the number. Choose the correct answer.



# 2 Choose the correct answer.

- a 7 is greater than (8 or 9)  
 b 11 is less than 10 or 9 (12)  
 c 4 is greater than (5 or 3) or 4  
 d 10 is less than (13 or 5 or 9)  
 e is greater than 9 (6 or 11 or 7)  
 f is less than 9 (4 or 12 or 13)



# 2 Write a suitable number. (Answers may vary)

- 6 is less than 7 8 is greater than 7  
 4 is less than (5) 13 is greater than 12  
 2 is greater than 1 12 is less than 13  
 0 is less than 1 7 is greater than 6  
 11 is greater than 10 3 is less than 4

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# 2 Put the numbers in their correct places.

6	is greater than	3	4	is less than	9
10	is greater than	12	8	is less than	10
9	is greater than	5	7	is less than	11
8	is greater than	7	3	is less than	13
13	is greater than	4	11	is less than	12

Put the numbers in their correct places.

101

- Numbers 14 & 15
- Ordering numbers up to 15

Numbers 10 & 12

Count, each group.

Draw a line from the group to the correct number.

	10	
	11	
	12	
	13	
	14	
	15	

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# 2 Count. Circle the correct number.

	10 (9) 11
	10 12 (13)
	(10) 5 1
	12 13 (14)
	(6) 9 3
	(12) 13 10
	(15) 15 11

102

Choose.

Four Ten Fourteen  
Thirteen Fourteen Fifteen

Nine Ten Fourteen  
Eleven Fourteen Ten

Eleven Twelve Fourteen  
Twelve Fourteen Fifteen

Seven Ten Eight Eleven Ten Twelve

108

Join.

Fourteen 15  
Seven 1  
Four 7  
One 12  
Eleven 4  
Five 8  
Thirteen 9  
Fifteen 3  
Eight 5  
Twelve 14  
Nine 11  
13

109

Count. Write how many there are of each.

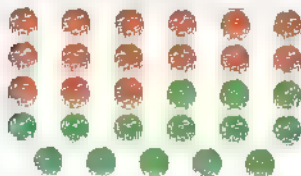
10 15 11  
12 14 13

Count the dots. Write the number of dots.

15 11 9  
13 12 14

110

Color 15 red and 14 green.



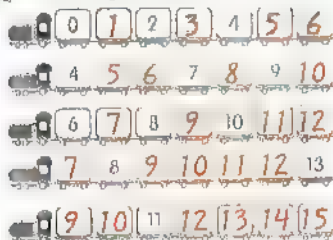
Draw according to the given number.

14 13  
15 10

111



Write the missing numbers in each train.



Write the missing numbers on each number line.



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Arrange the numbers from the smallest to the greatest.



Order the numbers from the greatest to the smallest.



113

Arrange in an ascending order.



Arrange in a descending order.



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Complete.

- 12 comes just after 11
- 13 comes just before 14
- 11 comes just after 10
- 12 is 1 less than 13
- 10 is 1 more than 9
- 15 is 1 more than 14
- 14 comes just before 15
- 14 comes just before 15
- 14 is 1 less than 15
- 11 is 1 less than 12
- 11 is 1 more than 10

Write (✓) to the correct statement and (X) to the incorrect statement.

- 15 is greater than 11 (✓)
- 15 comes just before 14 (X)
- 14 is smaller than 10 (X)
- 13 comes just after 14 (X)
- 10 is 1 less than 9 (X)
- 10 comes just before 11 (✓)
- 2 is 1 more than 11 (✓)
- 11 is 1 less than 10 (X)

Choose.

- Which of the following are arranged in an ascending order?  
 7, 9, 12 or 15, 9, 4 or 6, 9, 4
- Which of the following are arranged in a descending order?  
 10, 7, 12 or 12, 5, 0 or 6, 3, 4

Write a word for each.



On island 23 &amp; 24

Comparing numbers using  $>$ ,  $<$  and  $=$ 

Write how many are in each group. Put the suitable symbol  $>$ ,  $<$  or  $=$ .

5  $>$  4  
 6  $<$  7  
 8  $=$  8  
 10  $<$  12  
 13  $=$  13  
 15  $>$  14

117

Write the number of dots. Complete with  $>$ ,  $<$  or  $=$ .

15  $=$  15  
 9  $<$  10  
 14  $>$  13

Write the number of stars. Compare with  $>$ ,  $<$  or  $=$ .

7  $<$  8    10  $>$  9    6  $>$  5  
 8  $=$  8    6  $<$  10    9  $>$  7

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Complete with  $>$ ,  $<$  or  $=$ .

3  $<$  5    11  $>$  6    8  $>$  0  
 10  $=$  10    4  $<$  7    11  $<$  14  
 15  $>$  13    8  $=$  8    14  $>$  12  
 10  $<$  11    24  $>$  4    5  $<$  15  
 7  $<$  12    10  $>$  9    7  $<$  11

Complete with  $>$ ,  $<$  or  $=$ .

ten  $>$  nine    seven  $<$  eleven  
 fourteen  $<$  fifteen    eight  $>$  four  
 7  $<$  eight    zero  $<$  10  
 twelve  $=$  12    six  $>$  five  
 ten  $>$  seven    three  $<$  11  
 fourteen  $>$  13    thirteen  $<$  14

119

Choose the correct answer.

5  $<$  13  $>$   
 (7) 4 3    (10) 14 15  
 8  $>$  7  $=$   
 9 (2) 11    (2) 6 8  
 1  $>$  3  $<$  1  
 0 (5) 1    2 6 (8)  
 4  $>$  9  $>$  9  
 2 10 (3)    8 (12) 7  
 14  $<$  1 = 10  
 9 (10) 10    8 9 (10)  
 < 12    9  $>$   
 (11) 13 14    (2) 11 15  
 > 8    1 > 13  
 6 8 (11)    12 10 (15)

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# Exercise 10

On Lessons 25 & 26

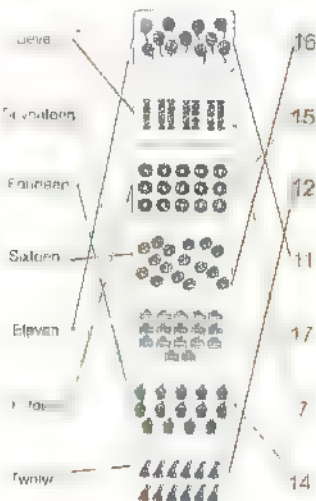
## Numbers 16 & 17

Circle the number that shows how many.



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Join.



Count. Write the number.



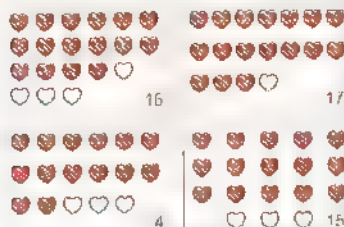
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Write the number.



20

Color according to the given number



Complete drawing to get the given number



130

Connect the dots from 1 to 17 to make a banana and then color it.



Complete



Choose.

- 16 < (15 or 16 or 17)
- Seventeen = (14 or 16 or 17)
- 15 > (14 or 15 or 17)
- 16 is 1 more than (15 or 16 or 17)
- 15 is 1 less than (14 or 16 or 17)
- 16 comes just after (15 or 16 or 17)
- comes just before 17 (15 or 16 or 17)
- comes just after 15 (14 or 16 or 17)
- Twelve comes just after (11 or 12 or 13)

Place a smiley face

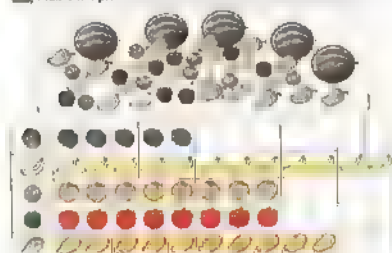
131

Words

Picture graph

Exercise 22

Pick each piece of fruits and draw it in the suitable row.



Use the picture graph to complete.

- Number of = 5
- Number of = 12
- Number of = 8
- Number of = 8
- Number of = 10

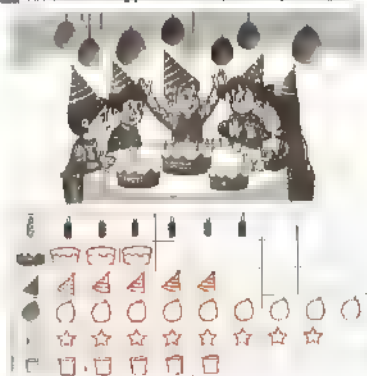
Put (>, < or =)

- Number of > Number of
- Number of = Number of
- Number of < Number of
- Number of > Number of



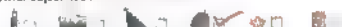
133

Use the following picture to complete the picture graph.

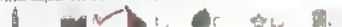


Mark ✓ for the correct choice.

• What object has the most number?



• What object has the least number?



134



Put ( $>$ ,  $<$  or  $=$ ).

- Number of  $>$  Number of
- Number of  $<$  Number of
- Number of  $=$  Number of
- Number of  $<$  Number of

Complete

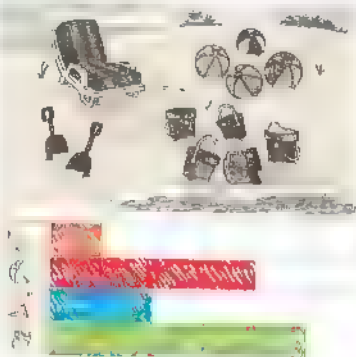
- The number of = 3 • The number of = 8
- The number of = 5 • The number of = 5
- The number of = 9 • The number of = 6

Write ( $\checkmark$ ) to the correct statement and ( $\times$ ) to the incorrect statement.

- The number of is greater than number of  $\checkmark$
- The number of is smaller than number of  $\checkmark$
- The number of is greater than number of  $\times$
- The number of is equal to the number of  $\times$
- The number of is greater than number of  $\checkmark$

135

Use the following picture to complete the picture graph.


Put ( $>$ ,  $<$  or  $=$ ).

- Number of  $<$  Number of
- Number of  $>$  Number of
- Number of  $>$  Number of



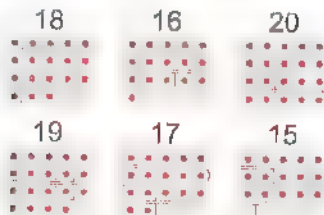
136

Numbers 18, 19 and 20

Match.

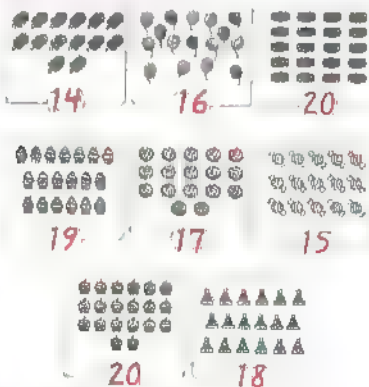


Plot data in five frames to represent the number.



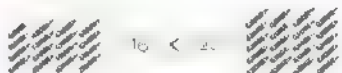
139

Count. Write the correct number.


Draw  $\bullet$  according to the number.


140

- 2 Write the number then put a suitable symbol ( $>$ ,  $<$  or  $=$ ).  
The first one is done for you.



$$10 < 20$$



$$19 > 13$$



$$18 = 18$$



$$17 < 19$$



$$12 < 18$$



$$20 > 15$$

26

- 2 Write the number that comes just after

14 15 19 | 20 16 17 |

12 | 13 | 13 14 9 10

17 18 | 7 8 | 18 19

- 2 Write the number that comes just before

10 11 16 17 | 12 13 |

19 | 20 | 13 14 | 18 19

14 15 | 17 18 | 7 | 8

27

- 2 Arrange in an ascending order.

o 17 10 20 8  
The order is 8, 10, 17, 20

o 9 2 19 11 6  
The order is 2, 6, 9, 11, 19

- 2 Arrange in a descending order

o 14 8 16 15  
The order is 16, 15, 14, 8

o 13 4 9 20 12  
The order is 20, 13, 9, 4, 2

- 2 Complete.



30

- 2 Choose the correct answer.

o 15 17  
o 20 19  
o 18 comes just after 19 or 18 or 17  
o 14 comes just before 13 or 15 or 16  
o 19 comes just before 18 or 19 or 20  
o 9 comes just after 10 or 8 or 11  
o 1 comes just before 18, 19 or 17 or 20  
o 1 comes just after 15, 16 or 17 or 18  
o 16 > 18 or 17 or 13  
o 14 < 20 or 11 or 9  
o 15 > 15  
o 15 < 15  
o 15 > 19  
o 15 is less than 19 or 12 or 18  
o 11 is more than 20 or 19 or 9  
o 1 is less than 9 8 or 12 or 13  
o 1 is more than 12 10 or 15 or 7



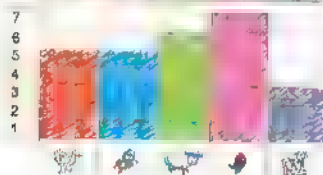
Plus  
un autre  
face

31

### Bar graph

On Lesson 10

Color according to the number of each item in the picture.



Mark ✓ for the correct choice.

The most number is of

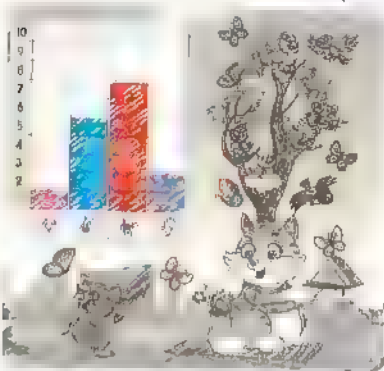


The least number is of



44 Chapter 4: Lesson 10

Color according to the number of each item in the picture.



Mark ✓ for the correct choice.

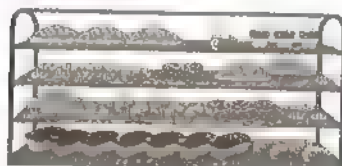
The most number is of



The least number is of



Color a space in the graph to show how many of each treats are in the bakery.



Number of Bakery Treats



45 Chapter 4: Lesson 11

Count. Color according to the number.



Complete

The number of



The number of



The number of



The number of



Circle the toy which has the most number.

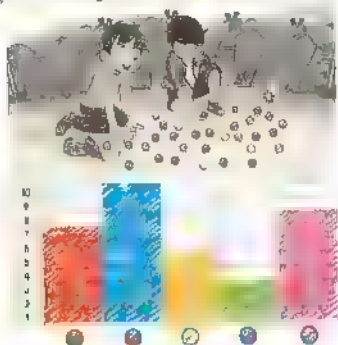


Circle the toy which has the least number.



46

Color according to the number of each item in the picture.



Put  $>$ ,  $<$  or  $=$ .

- Number of  $>$  Number of
- Number of  $<$  Number of
- Number of  $=$  Number of
- Number of  $>$  Number of

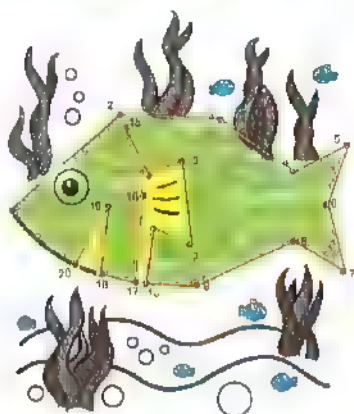


Work  
harder  
time

# Art Corner

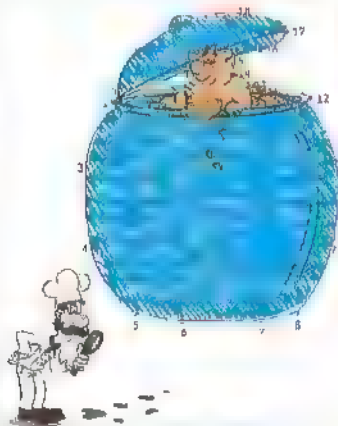
## Chapter 4

Join the numbers in order and color the picture.



### Cookie Clues

Find out what holds something good!  
Count by 1's to connect the dots. Color the picture.



152 Chapter 4 Answer



**14**

• Numbers from 21 to 24  
• Classification by color  
• Adding within 10

On numbers 14 to 20

**Match.**

17 18 19 20 21 22 23 24

14 Copyright © Pearson Education

**Match.**

17 20 22 19 23

18 21 16 15 18

17 20 22 19 23

18 21 16 15 18

**Count the number of objects, then write the number.**

22 23 21

17 18 24

159

**Put > = or <.**

21 > 20 22 < 23 35 > 19  
18 > 15 23 = 23 14 < 24  
12 < 23 16 < 17 20 > 15  
Fifteen < 17 Twenty-one > 11  
Eleven < Twelve Nineteen > Seventeen

**Complete.**

23 comes just after 22 23 comes just before 24  
19 comes just before 20 24 comes just after 23  
22 comes just after 21 18 comes just before 19

**Complete the numbers.**

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**Classify by color.**

**Circin the group of the same color.**

**Count and write.**

Green 5 Red 6  
4 Blue 3

16



## Adding within 10

Write the number, then add

$$\begin{array}{c} \text{2 bananas} + \text{3 bananas} = 5 \\ 2 + 3 = 5 \end{array}$$

$$\begin{array}{c} \text{3 grapes} + \text{5 grapes} = 8 \\ 3 + 5 = 8 \end{array}$$

$$\begin{array}{c} \text{2 stars} + \text{5 stars} = 7 \\ 2 + 5 = 7 \end{array}$$

$$\begin{array}{c} \text{5 pencils} + \text{2 pencils} = 7 \\ 5 + 2 = 7 \end{array}$$

$$\begin{array}{c} \text{4 dots} + \text{4 dots} = 8 \\ 4 + 4 = 8 \end{array}$$

$$\begin{array}{c} \text{4 cubes} + \text{6 cubes} = 10 \\ 4 + 6 = 10 \end{array}$$

$$\begin{array}{c} \text{6 blocks} + \text{3 blocks} = 9 \\ 6 + 3 = 9 \end{array}$$

$$\begin{array}{c} \text{7 sticks} + \text{1 stick} = 8 \\ 7 + 1 = 8 \end{array}$$

$$\begin{array}{c} \text{1 apple} + \text{6 apples} = 7 \\ 1 + 6 = 7 \end{array}$$

$$\begin{array}{c} \text{5 fish} + \text{5 fish} = 10 \\ 5 + 5 = 10 \end{array}$$

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Draw to find the sum for the problem. Write the sum. The first one is done for you.

$$\begin{array}{c} \text{5 dots} + \text{5 dots} = 10 \\ 5 + 5 = 10 \end{array}$$

$$\begin{array}{c} \text{7 dots} + \text{2 dots} = 9 \\ 7 + 2 = 9 \end{array}$$

$$\begin{array}{c} \text{3 dots} + \text{5 dots} = 8 \\ 3 + 5 = 8 \end{array}$$

$$\begin{array}{c} \text{2 dots} + \text{6 dots} = 8 \\ 2 + 6 = 8 \end{array}$$

$$\begin{array}{c} \text{1 dot} + \text{8 dots} = 9 \\ 1 + 8 = 9 \end{array}$$

$$\begin{array}{c} \text{2 dots} + \text{4 dots} = 6 \\ 2 + 4 = 6 \end{array}$$

Add

$$\begin{array}{c} \text{9 dots} + \text{0 dots} = 9 \\ 9 + 0 = 9 \end{array}$$

$$\begin{array}{c} \text{4 dots} + \text{2 dots} = 6 \\ 4 + 2 = 6 \end{array}$$

$$\begin{array}{c} \text{8 dots} + \text{1 dot} = 9 \\ 8 + 1 = 9 \end{array}$$

$$\begin{array}{c} \text{9 dots} + \text{0 dots} = 9 \\ 9 + 0 = 9 \end{array}$$

$$\begin{array}{c} \text{1 dot} + \text{8 dots} = 9 \\ 1 + 8 = 9 \end{array}$$

$$\begin{array}{c} \text{8 dots} + \text{1 dot} = 9 \\ 8 + 1 = 9 \end{array}$$

$$\begin{array}{c} \text{7 dots} + \text{2 dots} = 9 \\ 7 + 2 = 9 \end{array}$$

$$\begin{array}{c} \text{7 dots} + \text{1 dot} = 8 \\ 7 + 1 = 8 \end{array}$$

$$\begin{array}{c} \text{10 dots} + \text{0 dots} = 10 \\ 10 + 0 = 10 \end{array}$$

$$\begin{array}{c} \text{8 dots} + \text{2 dots} = 10 \\ 8 + 2 = 10 \end{array}$$

$$\begin{array}{c} \text{10 dots} + \text{0 dots} = 10 \\ 10 + 0 = 10 \end{array}$$

$$\begin{array}{c} \text{8 dots} + \text{2 dots} = 10 \\ 8 + 2 = 10 \end{array}$$

Write the sum

$$5 + 3 = 8$$

$$5 + 5 = 10$$

$$5 + 4 = 9$$

$$1 + 8 = 9$$

$$1 + 2 = 3$$

$$2 + 7 = 9$$

$$10 + 0 = 10$$

$$4 + 3 = 7$$

$$3 + 5 = 8$$

$$7 + 1 = 8$$

$$5 + 2 = 7$$

$$0 + 10 = 10$$

$$3 + 3 = 6$$

$$1 + 6 = 7$$

$$9 + 1 = 10$$

$$5 + 5 = 10$$

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Choose the correct answer.

$$4 + 3 =$$

$$(5 \text{ or } 6 \text{ or } 7)$$

$$5 + 1 =$$

$$(6 \text{ or } 7 \text{ or } 8)$$

$$7 + 7 =$$

$$(8 \text{ or } 14 \text{ or } 16)$$

$$9 + 0 =$$

$$(7 \text{ or } 8 \text{ or } 9)$$

$$8 + 1 =$$

$$(10 \text{ or } 2 \text{ or } 8)$$

$$3 + 3 =$$

$$(3 \text{ or } 5 \text{ or } 6)$$

$$6 + 2 =$$

$$(8 \text{ or } 7 \text{ or } 6)$$

$$0 + 5 =$$

$$(6 \text{ or } 2 \text{ or } 9)$$

Join the equal sums.

$$\begin{array}{l} 4 + 5 = 9 \\ 2 + 6 = 8 \\ 3 + 1 = 4 \\ 1 + 3 = 4 \\ 4 + 3 = 7 \end{array}$$

$$\begin{array}{l} 0 + 4 = 4 \\ 5 + 2 = 7 \\ 1 + 8 = 9 \\ 1 + 7 = 8 \\ 8 + 3 = 6 \end{array}$$

Join the equal sums.

- Numbers from 25 to 27
- Addition word problems

Numbers from 25 to 27

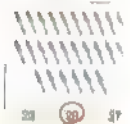
Count. Choose the correct answer.



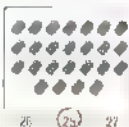
20 25 18



18 10 20



25 30 17



25 25 27



27 23 11



23 21 24

Draw the dots to express each number by using five frames.



Join.



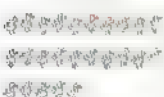
Count, write the number.



27



23



25



20



26



18

Write (✓) in the correct statement and (X) in the incorrect statement.

- 27 comes just after 26 ✓
- 23 is more than 24 ✓
- 25 comes just before 24 X
- 21 < 27 ✓
- 26 is less than 23 X
- 26 > 25 ✓

Complete the numbers.



Choose the correct answer.

- $26 <$  (24 or 23 or 27)  
 $23 >$  (25 or 24 or 22)  
 $25$  is less than (21 or 26 or 23)  
 $21$  is more than (22 or 20 or 24)  
 $24$  twenty-two (2 or 4 or 6)  
 $19$  twenty (2 or 3 or 4)

Count, write the number then put  $>$ ,  $<$  or  $=$ .

$$27 > 26$$

$$25 < 27$$

$$26 = 26$$

$$27 > 22$$

Add to word problems

Solve each of the following

Wes has 5 in Arabic and 4 in English.  
How many does Wes have?

$$5 + 4 = 9$$

Ali caught 4 and Rami caught 2.  
Find the number of with both.

$$4 + 2 = 6$$

Karl has 3 and Tony has 7.  
How many do they both have?

$$3 + 7 = 10$$

Jana has 3 red and Sara has 5 green.  
How many do they both have?

$$3 + 5 = 8$$

Ayman has 6 pounds and his sister  
Amal has 4 pounds.  
How much money do they have?

$$6 + 4 = 10$$

Osama has 7 sweets  
Ibrahim gave him 2 sweets.  
How many sweets does Osama have now?

$$7 + 2 = 9$$

Jana made 5 cookies.  
Tharwat made 3 more cookies.  
How many cookies did Jana make?

$$5 + 3 = 8$$

Maged found 3 seashells and Marwan found  
the same number of seashells.  
How many seashells did they find together?

$$3 + 3 = 6$$

- Numbers from 28 to 30
- Classification by shape

Numbers from 28 to 30

Draw the dots to express each number using five and ten frames

28

29

30

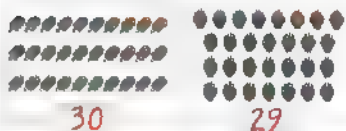
Join

25 Twenty-two  
 24 Twenty-one  
 23 Twenty  
 22 Two, two, two  
 21 Twenty-three  
 20 Ten, ten

Join

30 Twenty-seven  
 29 Twenty-six  
 28 Twenty-five  
 27 Three  
 26 Nineteen

Count and write the number.



180 Chapter 5: Numbers and Counting

Put (>, = or <).

- 30 > 25      • 19 < 20      • 24 < 24
- 29 > 27      • 25 > 15      • 30 > 18
- 26 < Twenty-eight      • Twenty-three < Thirteen
- Thirteen < Thirty      • Fifteen < Twenty-eight

Write the number just comes after.

27	28	21	22
18	20	29	30
fourteen	15	twenty-eight	29

Write the number just comes before.

23	24	29	30
10	11	28	29
25	Twenty-six	27	Twenty-eight

Arrange in an ascending order.

- 71, 4, 29, 10, 9  
The order is: 4, 9, 10, 29, 71
- 36, 9, 21, 18, 28  
The order is: 9, 18, 21, 28, 36
- 17, 24, 9, 29, 36  
The order is: 9, 17, 24, 29, 36

Arrange in a descending order.

- 17, 30, 3, 29, 0  
The order is: 30, 29, 17, 3, 0
- 22, 12, 20, 2, 21  
The order is: 22, 21, 20, 12, 2
- 10, 20, 14, 30, 27  
The order is: 30, 27, 20, 14, 10

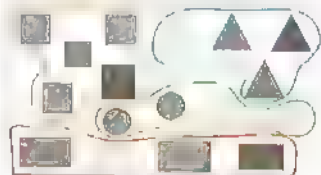
Write (✓) to the correct statement and (X) to the incorrect statement.

- 28 is greater than 29 (X)      • 27 is 1 greater than 28 (X)
- 27 is less than 18 (X)      • 30 comes just after 29 (✓)
- 29 is 1 less than 30 (✓)      • 28 comes just before 27 (X)

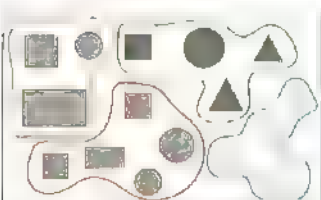
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Classify objects by shape.

Circle the objects having the same shape.

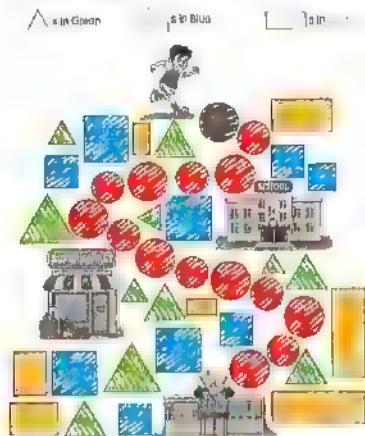


Circle the objects having the same color.



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- Follow the  $\odot$ s. Color them. Where do they lead?  
Color the shapes



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### Make practice on addition

- Write the number of dots, then add. The first one is done for you.

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 2 + 2 = 4$$

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 3 + 3 = 6$$

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 4 + 5 = 9$$

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 6 + 3 = 9$$

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 5 + 0 = 5$$

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 1 + 6 = 7$$

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 4 + 1 = 5$$

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 2 + 4 = 6$$

$$\begin{array}{c} \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \\ \cdot \end{array} \quad 2 + 2 = 4$$

### Add

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 1 \\ 9 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \\ + 2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ + 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 8 \\ + 0 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 4 \\ + 4 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3 \\ + 5 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 6 \\ + 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 1 \\ + 2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ + 4 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 0 \\ + 10 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 5 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 5 \\ + 5 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 8 \\ + 2 \\ \hline 10 \end{array}$$

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### Find the sum.

$$4 + 6 = 10 \quad 2 + 3 = 5 \quad 1 + 9 = 10$$

$$6 + 2 = 10 \quad 7 + 1 = 8 \quad 8 + 4 = 10$$

$$0 + 8 = 8 \quad 1 + 6 = 7 \quad 5 + 5 = 10$$

$$9 + 1 = 10 \quad 4 + 4 = 8 \quad 2 + 7 = 9$$

### Add, then complete using ( $<$ , $>$ , or $=$ ).

$$5 + 4 < 0 + 4$$

$$3 + 4 > 5 + 1$$

$$9 < 10$$

$$7 < 6$$

$$6 + 3 < 7 + 2$$

$$0 + 8 < 1 + 3$$

$$9 < 9$$

$$5 < 4$$

$$9 + 0 < 8 + 5$$

$$8 + 1 = 3 + 6$$

$$9 < 10$$

$$9 < 9$$

Place  
a pencil  
here

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- Count by 10's up to 30
- Components of 10
- Classification by size

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### Count by 10's up to 30

- Count by 10's. Write the number.

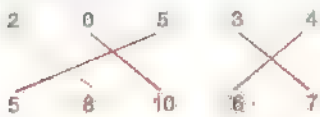


### Complete counting by 10's.

$$10 \quad 20 \quad 30 \quad 10 \quad 20 \quad 30$$

### Components of 10

### Match to make 10.



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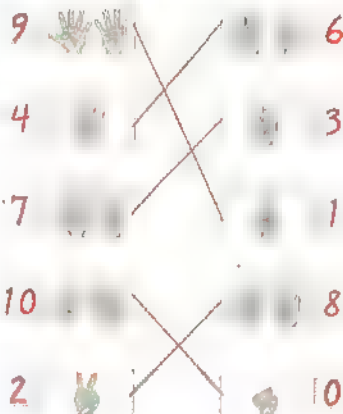
Count the drawing to make 10.



Count. Write the number. Add.

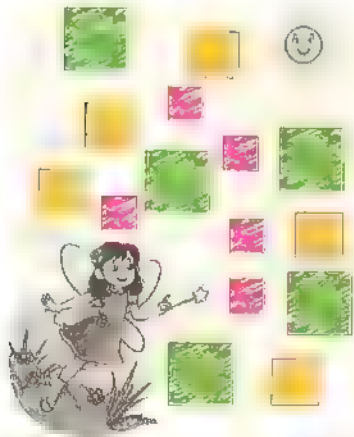


Count, write the numbers then match to make 10.



Classify items by size.

Color the squares that have the same size as the circle.



Circle the objects having the same shape (Triangle - Circle).



Circle the objects having the same size (Large - Medium - Small).



Circle the objects having the same color (Red - Yellow - Green).



## More addition problems

1 Add.

$5 + 2 = 7$	$8 + 1 = 9$	$6 + 4 = 10$	$9 + 3 = 12$	$10 + 5 = 15$
$1 + 10 = 11$	$2 + 8 = 10$	$3 + 7 = 10$	$4 + 6 = 10$	$5 + 9 = 14$

2 Write the sum.

$4 + 3 = 7$	$5 + 2 = 7$	$9 + 0 = 9$
$6 + 1 = 7$	$1 + 7 = 8$	$2 + 1 = 3$
$3 + 5 = 8$	$4 + 2 = 6$	$2 + 6 = 8$
$8 + 1 = 9$	$4 + 4 = 8$	$0 + 10 = 10$

3 Add, then match the equal sums.

$4 + 1 = 5$	$6 + 4 = 10$
$6 + 4 = 10$	$8 + 0 = 8$
$7 + 3 = 10$	$5 + 2 = 7$
$1 + 7 = 8$	$1 + 8 = 9$

Read each word problem. Solve each problem.

He won has 4 balloons and Peter has 2 balloons.  
How many balloons are there in all?

They have =  $4 + 2 = 6$

Mary baked 5 big cookies and 5 small cookies.  
How many cookies did she bake in all?

She baked =  $5 + 5 = 10$

Karim went to the market to buy some fruit.

He bought 6 apples and 3 oranges.

How much fruit did Karim buy in all?

Karim bought =  $6 + 3 = 9$  fruits.

Sara has 2 red flowers and Hani has 3 yellow flowers.

How many flowers do they have in all?

They have =  $2 + 3 = 5$  flowers.

Farid has 3 big fish. He also has 3 small fish.

How many fish does he have in all?

He has =  $3 + 3 = 6$  fish.



## Chapter 5

Add and color the picture according to the answers.



Add. Color the picture according to the answers.



- Numbers from 31 to 35
- Subtracting within 10

On lessons 41 to 43

Count the objects, then choose the correct number.



23 30 32



30 31 29



30 32 34



20 33 30



25 33 31



33 34 35

Match

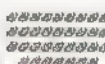
30 Thirty-two  
12 Twenty-two  
22 Thirty-three  
33 Twelve  
32 Ten

Match

25 Thirty-five  
35 Twenty-eight  
34 Thirty-one  
31 Twenty-five  
28 Thirty-four

Count the fruits.

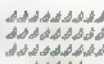
Then write the correct number in the box.



34



30



32



27



35



33

Complete the missing numbers.

- 29, 30, 31, 32, 33, 34, 35
- 21, 22, 23, 24, 25, 26, 27
- 26, 29, 30, 31, 32, 33, 34
- 25, 26, 27, 28, 29, 30, 31

Write the numbers from the smallest to the greatest.

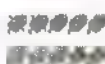
- 15, 12, 19, 21, 16
- 12, 15, 16, 17, 21
- 34, 31, 29, 33, 30
- 29, 30, 31, 33, 34
- 27, 35, 32, 24, 28
- 26, 27, 28, 32, 35
- 35, 23, 29, 34, 19
- 19, 29, 33, 34, 35

Write the numbers from the greatest to the smallest.

- 28, 34, 19, 35, 26
- 35, 34, 28, 26, 19
- 30, 35, 33, 32, 31
- 35, 33, 32, 31, 30
- 18, 28, 34, 30, 26
- 34, 30, 28, 26, 18
- 26, 33, 27, 22, 30
- 33, 30, 27, 26, 22

Subtracting within 10

Subtract. Write the number of the left.



10 - 4 = 6



8 - 3 = 5



8 - 2 = 4



3 - 1 = 2



7 - 5 = 2



8 - 2 = 7



6 - 3 = 3



10 - 3 = 7



8 - 7 = 1



4 - 2 = 2



8 - 5 = 3



10 - 5 = 5

Cross out to subtract. Write how many are left.  
The first one is done for you.

- 2 = 4	- 3 = 5	- 1 = 6	- 2 = 3
- 1 = 3	- 6 = 1	- 5 = 4	- 8 = 2
- 2 = 1	- 3 = 3	- 6 = 4	- 1 = 1
- 4 = 1	- 7 = 2	- 2 = 6	- 3 = 4
- 3 = 1	- 5 = 0	- 5 = 1	- 9 = 1

Choose the correct answer.

- |          |                   |
|----------|-------------------|
| 6 - 3 =  | (4) 0 (5) 3 or 6) |
| 7 - 2 =  | (3) 5 or 6 or 7   |
| 6 - 5 =  | (1) 1 or 2 or 3   |
| 10 - 4 = | 5 (6) 8 or 9      |
| 9 - 4 =  | (2) 5 or 7        |
| 5 - 1 =  | 2 or 3 or (4)     |
| 10 - 5 = | 0 or (5) or 10    |
| 9 - 2 =  | (1) 7 or 8 or 9   |

Join

- |          |   |
|----------|---|
| 6 - 5 =  | 7 |
| 10 - 3 = | 6 |
| 8 - 2 =  | 1 |
| 7 - 2 =  | 5 |
| 9 - 4 =  | 2 |



100% correct! Excellent!

Subtract.

10 - 6 = 4	7 - 3 = 4	9 - 4 = 5	6 - 1 = 5	8 - 7 = 1
6 - 5 = 1	9 - 9 = 0	10 - 3 = 7	3 - 1 = 2	4 - 2 = 2
7 - 5 = 2	8 - 5 = 3	9 - 2 = 7	3 - 2 = 1	5 - 4 = 1
7 - 6 = 1	6 - 4 = 2	10 - 1 = 9	4 - 1 = 3	2 - 1 = 1

9 - 1 = 8    10 - 9 = 1    8 - 8 = 0  
 5 - 3 = 2    9 - 5 = 4    10 - 4 = 6  
 10 - 2 = 8    4 - 3 = 1    6 - 3 = 3  
 7 - 4 = 3    9 - 3 = 6    10 - 5 = 5

100% correct!  
Excellent!

- Numbers from 36 to 40
- Subtracting within 10 using the number line

Numbers from 36 to 40

Circle the objects in groups of ten, then circle the correct number of all objects.

36	38	39	40
36	37	38	39
37	39	40	41
37	38	39	40
38	40	41	42
38	39	40	41
39	41	42	43
39	40	41	42
40	42	43	44
40	41	42	43

Circle the objects in groups of ten, then write how many are there in all.



39

32



36

38



40

37

Complete using  $>$ ,  $<$  or  $=$ .

- |           |           |           |
|-----------|-----------|-----------|
| 35 $>$ 32 | 19 $<$ 40 | 18 $<$ 28 |
| 36 $<$ 39 | 25 $<$ 32 | 37 $>$ 28 |
| 29 $<$ 17 | 14 $<$ 41 | 35 $>$ 27 |
| 19 $<$ 20 | 38 $<$ 40 | 0 $<$ 1   |
| 34 $>$ 29 | 9 $<$ 10  | 30 $<$ 40 |

Write the number that comes just before.

22 23 33 34 19 20

16 17 28 29 35 36

39 40 36 37 37 38

Write the number that comes just after.

5 16 37 38 9 10

26 27 13 14 31 32

37 38 39 39 40

Write the numbers from the smallest to the greatest.

- |    |    |    |    |    |
|----|----|----|----|----|
| 36 | 29 | 38 | 31 | 30 |
| 29 | 30 | 31 | 36 | 38 |
| 39 | 32 | 40 | 37 | 33 |
| 32 | 33 | 37 | 39 | 40 |
| 40 | 20 | 30 | 10 | 23 |
| 10 | 20 | 23 | 30 | 40 |
| 33 | 37 | 24 | 36 | 26 |
| 28 | 34 | 35 | 36 | 37 |

Write the numbers from the greatest to the smallest.

- |    |    |    |    |    |
|----|----|----|----|----|
| 24 | 9  | 27 | 27 | 18 |
| 37 | 27 | 34 | 18 | 9  |
| 37 | 39 | 36 | 40 | 38 |
| 40 | 39 | 38 | 37 | 36 |
| 29 | 30 | 35 | 21 | 37 |
| 37 | 35 | 30 | 29 | 21 |
| 33 | 22 | 20 | 39 | 26 |
| 39 | 33 | 26 | 22 | 20 |

Complete the missing numbers.

- 34, 35, 36, 37, 38, 39, 40
- 29, 30, 31, 32, 33, 34, 35, 36
- 24, 25, 26, 27, 28, 29, 30
- 19, 20, 21, 22, 23, 24, 25



Subtracting within 10 using the number line.

Find the difference. Use the number line if you need to.

8 - 3 = 5	7 - 2 = 5	9 - 5 = 4
10 - 4 = 6	9 - 1 = 8	7 - 5 = 2
6 - 0 = 6	8 - 4 = 4	10 - 9 = 1
6 - 4 = 2	8 - 2 = 6	4 - 7 = -3
10 - 3 = 7	7 - 4 = 3	9 - 7 = 2
3 - 4 = -1	7 - 7 = 0	8 - 7 = 1
7 - 3 = 4	2 - 7 = -5	2 - 1 = 1
3 - 8 = -5	4 - 10 = -6	10 - 10 = 0
-3 - 1 = -4	3 - 5 = -2	5 - 8 = -3
0 - 7 = -7	1 - 5 = -4	5 - 2 = 3
6 - 5 = 1	9 - 9 = 0	7 - 7 = 0
1 - 4 = -3	4 - 8 = -4	9 - 0 = 9
5 - 1 = 4	5 - 1 = 4	1 - 7 = -6



# Subtract.

$$7 - 2 = 5 \quad 8 - 7 = 1 \quad 6 - 2 = 4$$

$$9 - 5 = 4 \quad 10 - 4 = 6 \quad 4 - 4 = 0$$

$$2 - 1 = 1 \quad 5 - 2 = 3 \quad 10 - 2 = 8$$

$$\begin{array}{r} 4 \\ 1 \\ 3 \end{array} - \begin{array}{r} 6 \\ 3 \\ 3 \end{array} = \begin{array}{r} 1 \\ 0 \\ 0 \end{array}$$

$$\begin{array}{r} 9 \\ 2 \end{array} - \begin{array}{r} 10 \\ 3 \end{array} = \begin{array}{r} 5 \\ 3 \end{array}$$

Write (✓) for the correct statement and (X) to the incorrect statement.

$8 - 3 = 6$	(X)	$10 - 1 = 9$	(✓)
$9 - 4 = 5$	(✓)	$4 - 2 = 2$	(✓)
$5 - 8 = 13$	(X)	$7 - 2 = 5$	(✓)
$6 - 6 = 2$	(✓)	$9 - 9 = 3$	(X)

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Find the difference between. The first one is done for you.

To find the difference, put the greater number in the first place.



$$\begin{array}{r} 5 \\ 2 \end{array} - \begin{array}{r} 2 \\ 5 \end{array} = 3$$

2 and 3

$$\begin{array}{r} 7 \\ 10 \end{array} - \begin{array}{r} 3 \\ 5 \end{array} = 4$$

5 and 10

$$\begin{array}{r} 6 \\ 2 \end{array} - \begin{array}{r} 2 \\ 6 \end{array} = 4$$

2 and 6

1 and 9

$$\begin{array}{r} 9 \\ 8 \end{array} - \begin{array}{r} 1 \\ 4 \end{array} = 8$$

8 and 4

$$\begin{array}{r} 8 \\ 4 \end{array} - \begin{array}{r} 4 \\ 0 \end{array} = 4$$

4 and 0

Find the results. Compare the results using  $>$ ,  $<$  or  $=$ .

$$7 - 3 < 7 + 3$$

$$2 + 4 > 5 - 1$$

$$4 - 10$$

$$6 - 4$$

$$3 - 5 = 0 + 3$$

$$6 - 2 = 2 + 2$$

$$3 - 3$$

$$4 - 4$$

$$8 - 8 = 8 - 8$$

$$10 - 4 < 3 + 4$$

$$1 - 0$$

$$6 - 7$$

Place a number here.

# Fact families

- T is a relation between addition and subtraction (Fact families)
- Subtraction word problems

# Fact families

Write the result.

$2 + 3 = 5$	$4 + 2 = 6$	$8 + 6 = 14$	$9 + 1 = 10$
$6 + 2 = 8$	$2 + 4 = 6$	$6 + 8 = 14$	$1 + 9 = 10$
$8 - 6 = 2$	$6 - 4 = 2$	$14 - 6 = 8$	$10 - 1 = 9$
$6 - 2 = 4$	$6 - 2 = 4$	$14 - 8 = 6$	$10 - 9 = 1$

$5 + 2 = 7$	$1 + 2 = 3$	$7 + 2 = 9$	$8 + 1 = 9$
$2 + 5 = 7$	$2 + 1 = 3$	$2 + 7 = 9$	$1 + 8 = 9$
$7 - 2 = 5$	$3 - 1 = 2$	$9 - 2 = 7$	$9 - 1 = 8$
$7 - 5 = 2$	$3 - 2 = 1$	$9 - 7 = 2$	$9 - 8 = 1$

$8 + 1 = 9$	$4 + 3 = 7$	$6 + 1 = 7$	$7 + 3 = 10$
$1 + 8 = 9$	$3 + 4 = 7$	$1 + 6 = 7$	$3 + 7 = 10$
$9 - 1 = 8$	$7 - 3 = 4$	$7 - 1 = 6$	$10 - 3 = 7$
$9 - 8 = 1$	$7 - 4 = 3$	$7 - 6 = 1$	$10 - 7 = 3$

$5 + 4 = 9$	$8 + 2 = 10$	$3 + 4 = 7$	$6 + 5 = 11$
$4 + 5 = 9$	$2 + 8 = 10$	$4 + 3 = 7$	$5 + 6 = 11$
$9 - 4 = 5$	$10 - 2 = 8$	$7 - 4 = 3$	$11 - 5 = 6$
$9 - 5 = 4$	$10 - 8 = 2$	$7 - 3 = 4$	$11 - 6 = 5$

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Write a pair of addition and subtraction facts for each group of numbers. The first one is done for you.

4, 1, 8	0, 2, 6	2, 7, 3	2, 5, 7
$4 + 1 = 5$	$6 - 2 = 4$	$2 + 7 = 9$	$2 + 5 = 7$
$1 + 4 = 5$	$2 + 6 = 8$	$7 + 2 = 9$	$5 + 2 = 7$
$5 - 4 = 1$	$8 - 6 = 2$	$9 - 2 = 7$	$7 - 2 = 5$
$5 - 1 = 4$	$8 - 2 = 6$	$9 - 7 = 2$	$7 - 5 = 2$

1, 2, 3	4, 2, 8	3, 7, 10	3, 1, 4
$1 + 2 = 3$	$4 + 2 = 6$	$3 + 7 = 10$	$3 + 1 = 4$
$2 + 1 = 3$	$2 + 4 = 6$	$7 + 3 = 10$	$1 + 3 = 4$
$3 - 1 = 2$	$6 - 4 = 2$	$10 - 3 = 7$	$4 - 3 = 1$
$3 - 2 = 1$	$6 - 2 = 4$	$10 - 7 = 3$	$4 - 1 = 3$

5, 4, 9	4, 3, 7	7, 1, 8	8, 2, 10
$5 + 4 = 9$	$4 + 3 = 7$	$7 + 1 = 8$	$2 + 8 = 10$
$4 + 5 = 9$	$3 + 4 = 7$	$1 + 7 = 8$	$8 + 2 = 10$
$9 - 5 = 4$	$7 - 4 = 3$	$8 - 1 = 7$	$10 - 2 = 8$
$9 - 4 = 5$	$7 - 3 = 4$	$8 - 7 = 1$	$10 - 8 = 2$

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## Complete.

$$5 + 2 = 7 \quad 7 - 5 = 2 \quad 7 - 2 = 5$$

$$4 + 6 = 10 \quad 10 - 6 = 4 \quad 10 - 4 = 6$$

$$1 + 8 = 9 \quad 9 - 8 = 1 \quad 9 - 1 = 8$$

$$3 + 0 = 3 \quad 3 - 0 = 3 \quad 3 - 3 = 0$$

$$2 + 4 = 6 \quad 6 - 2 = 4 \quad 6 - 4 = 2$$

$$7 + 1 = 8 \quad 8 - 7 = 1 \quad 8 - 1 = 7$$

## Complete.

$$3 + 2 = 5 \quad 5 - 3 = 2 \quad 5 - 2 = 3$$

$$4 + 1 = 5 \quad 5 - 4 = 1 \quad 5 - 1 = 4$$

$$1 + 2 = 3 \quad 3 - 1 = 2 \quad 3 - 2 = 1$$

$$3 + 7 = 10 \quad 10 - 3 = 7 \quad 10 - 7 = 3$$

$$5 + 4 = 9 \quad 9 - 5 = 4 \quad 9 - 4 = 5$$

$$0 + 5 = 5 \quad 5 - 0 = 5 \quad 5 - 5 = 0$$

$$2 + 1 = 3 \quad 3 - 2 = 1 \quad 3 - 1 = 2$$

$$3 + 7 = 10 \quad 10 - 3 = 7 \quad 10 - 7 = 3$$

## Subtraction word problems

## Solve each of the following problems.

There are 6 eggs on a shelf. 4 eggs of them fell off.  
How many eggs were left?

$$\text{The left eggs} = 6 - 4 = 2 \text{ eggs.}$$

Sameh has 10 balloons and his brother Ashraf has 6 balloons.

Find the difference between what they have.

$$\text{The difference} = 10 - 6 = 4 \text{ balloons.}$$

Maria has 9 books. Yehia has 3 books.

How many more books does Maria have than Yehia?

$$\text{The number of books} = 9 - 3 = 6 \text{ books.}$$

Perry had 7 pies. She gave 2 pies to Andy.

How many pies does Perry have left?

$$\text{The left pies} = 7 - 2 = 5 \text{ pies.}$$

Ahmed has 10 pounds. If he bought sweets for 3 pounds.  
What is the remainder with him?

$$\text{The remainder} = 10 - 3 = 7 \text{ pounds.}$$

There are 9 pupils in a school bus. 5 of them are boys.

What is the number of girls?

$$\text{The number of girls} = 9 - 5 = 4 \text{ girls.}$$

8 cars were in the cars park. 6 cars went away.

How many cars are there in the cars park now?

$$\text{The number of cars in the cars park now} = 8 - 6 = 2 \text{ cars.}$$

John has 7 marbles. His friend Mark has 4 marbles.

How many more marbles does John have?

$$\text{What John has more than Mark} = 7 - 4 = 3 \text{ marbles.}$$

## Exercise 27

On exercise 27 & 28

## Addition fact family

$$\begin{array}{r} 1 + 2 = 3 \\ 2 + 1 = 3 \\ 3 - 1 = 2 \\ 3 - 2 = 1 \end{array}$$

$$\begin{array}{r} 2 + 3 = 5 \\ 3 + 2 = 5 \\ 5 - 2 = 3 \\ 5 - 3 = 2 \end{array}$$

$$\begin{array}{r} 4 + 1 = 5 \\ 1 + 4 = 5 \\ 5 - 1 = 4 \\ 5 - 4 = 1 \end{array}$$

$$\begin{array}{r} 4 + 2 = 6 \\ 2 + 4 = 6 \\ 6 - 2 = 4 \\ 6 - 4 = 2 \end{array}$$

$$\begin{array}{r} 5 + 3 = 8 \\ 3 + 5 = 8 \\ 8 - 3 = 5 \\ 8 - 5 = 3 \end{array}$$

$$\begin{array}{r} 5 + 4 = 9 \\ 4 + 5 = 9 \\ 9 - 4 = 5 \\ 9 - 5 = 4 \end{array}$$

$$\begin{array}{r} 7 + 1 = 8 \\ 1 + 7 = 8 \\ 8 - 1 = 7 \\ 8 - 7 = 1 \end{array}$$

$$\begin{array}{r} 7 + 2 = 9 \\ 2 + 7 = 9 \\ 9 - 2 = 7 \\ 9 - 7 = 2 \end{array}$$

$$\begin{array}{r} 8 + 1 = 9 \\ 1 + 8 = 9 \\ 9 - 1 = 8 \\ 9 - 8 = 1 \end{array}$$

$$\begin{array}{r} 8 + 2 = 10 \\ 2 + 8 = 10 \\ 10 - 2 = 8 \\ 10 - 8 = 2 \end{array}$$

Write the missing numbers using the fact families.

6, 7, 8, 9, 10, 11, 12

3, 4, 5, 6, 7, 8, 9

5, 6, 7, 8, 9, 10, 11

12, 13, 14, 15, 16, 17, 18

10, 11, 12, 13, 14, 15, 16

1, 2, 3, 4, 5, 6, 7

4, 5, 6, 7, 8, 9, 10

7, 8, 9, 10, 11, 12, 13

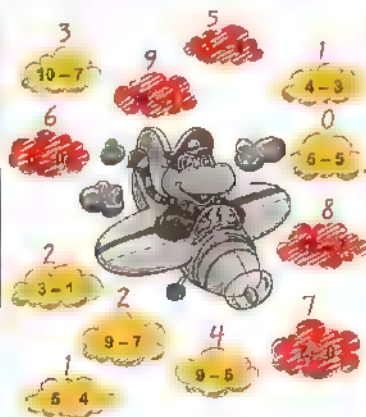
3, 4, 5, 6, 7, 8, 9

12, 13, 14, 15, 16, 17, 18



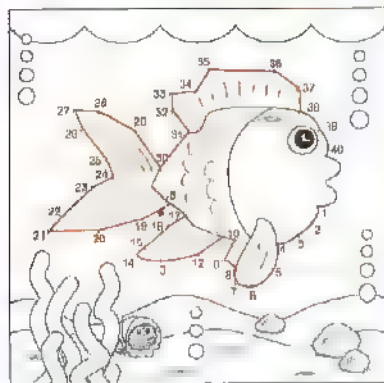
Write the missing numbers here.

Find the result. Color the clouds that have a result greater than 4 in red and the clouds that have a result less than 5 in yellow.



Connect numbers from 1 to 40.

Who! do you see? **Fish**



- Add / Subtract within 10 using number chart
- Telling time "Analog clock"
- Belongs / Does not belong

Use the number chart up to 100 to answer.



- Color all numbers that contain a 2
- Circle all numbers with an identical digit
- Shade all numbers that contain a 0
- Underline the numbers with a first digit that is less than the second digit (Examples: 12, 29)



Adding / Subtracting within 10 using number chart

Use the number chart to choose the correct answer.

$5 + 3 =$	1 2 3 4 5 6 7 8 9 10
4 6 8	11 12 13 14 15 16 17 18 19 20
$10 - 3 =$	21 22 23 24 25 26 27 28 29 30
4 7 8	31 32 33 34 35 36 37 38 39 40
$8 - 4 =$	41 42 43 44 45 46 47 48 49 50
3 5 12	51 52 53 54 55 56 57 58 59 60
$6 - 2 =$	61 62 63 64 65 66 67 68 69 70
2 3 4	71 72 73 74 75 76 77 78 79 80
$4 + 1 =$	81 82 83 84 85 86 87 88 89 90
4 5 3	91 92 93 94 95 96 97 98 99 100

Use the number chart to find the results.

$2 + 4 =$	9	$9 - 3 =$	6	$10 - 2 =$	8
$4 + 3 =$	7	$6 - 5 =$	1	$7 - 4 =$	8
$6 - 1 =$	10	$4 - 2 =$	2	$8 - 6 =$	2
$7 - 3 =$	4	$1 + 6 =$	7	$3 + 4 =$	9

Telling time "Analog clock"

Write the times below the clocks.



9 o'clock



1 o'clock



11 o'clock



6 o'clock



12 o'clock



8 o'clock



10 o'clock



2 o'clock



4 o'clock



3 o'clock



5 o'clock



7 o'clock

Draw the two hands of the clock



8 o'clock



3 o'clock



10 o'clock



5 o'clock



7 o'clock



4 o'clock



2 o'clock



1 o'clock



6 o'clock



9 o'clock



8 o'clock



11 o'clock

Write the number that tells the time of each activity.



got up at 6 o'clock



go to school at 7 o'clock



In the classroom at 9 o'clock



go back home at 3 o'clock



studying at home at 5 o'clock



have dinner at 8 o'clock



watching a cartoon story at 9 o'clock



sleep at 10 o'clock

Belongs / Does not belong

Cross out (X) the picture that does not belong in each row.



- Numbers from 41 to 49
- Digital clock and analog clock

On lessons 23 & 24

Numbers from 41 to 49

Complete

40 41 42 43 44 45 46 47 48 49

Arrange in an ascending order

- 47 27 39 49 41
- The order is 27 37 41 47 49
- 29 48 39 43 40
- The order is 29 39 40 43 48
- 36 43 34 25 46
- The order is 25 34 36 43 46

Arrange in a descending order

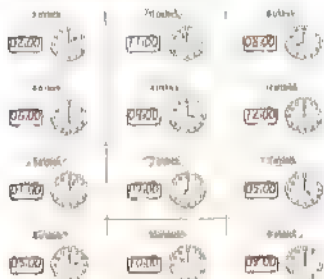
- 17 27 48 42 43
- The order is 48 45 42 27 17
- 23 32 42 38 20
- The order is 41 38 32 29 23
- 29 45 46 35 30
- The order is 46 45 35 30 27

Digital clock and analog clock

Match the clocks that show the same time.



Draw the hour hand on the clock faces. Write the time on the digital clocks.





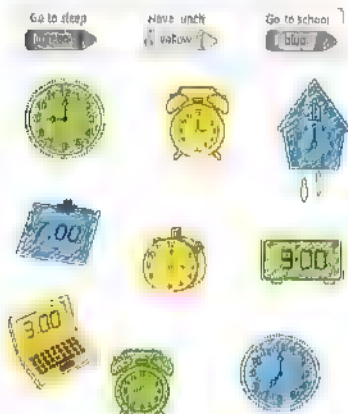
Ring the suitable time for each activity.



Circle the clock that shows the same time.



Choose the time you would do each thing. Then color the clocks that match in the same color.



(Write numbers here)

Numbers from 50 to 69  
Using subtraction to create fact families

Numbers up to 69

Join the numbers in order. Color the picture.



What do you see? **Rabbit**

Complete the missing numbers

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69

Complete the missing numbers.



Write the number which comes just after.

54 55 61 62 58 60

66 67 62 53 67 68

Write the number which comes just before.

58 60 63 54 50 51

68 62 62 63 57 58

Put the suitable sign ( $>$ ,  $=$  or  $<$ ).

- $60 > 59$   
 $58 = 58$   
 $61 > 57$   
 $63 > 56$   
 $67 > 49$   
 $63 > 51$   
 $66 > 53$   
 $50 < 60$   
 $59 < 52$   
 $64 = 64$   
 $53 < 62$   
 $66 > 59$



16 Use computers to

Using subtraction to create fact families.

Subtract to create fact families.

1 Family 2 Family

3 Family 4 Family

5 Family 6 Family

7 Family 8 Family

9 Family 10 Family

11 Family 12 Family

13 Family 14 Family

15 Family 16 Family



Subtract.

3 5 4 2

0 5 7 3

4 1 1 0

10 - 2 = 8 ; 8 - 4 = 2

8 - 3 = 6 ; 8 - 8 = 2

8 - 7 = 1 ; 7 - 3 = 4

6 - 6 = 0 ; 8 - 0 = 6

24 Use computers to

Complete the missing numbers in each table.

$8 - 3 = 5$   $7 + 3 = 10$   
 $1 + 1 = 2$   $2 - 1 = 1$   
 $8 - 2 = 6$   $5 + 4 = 9$

Put (+ or -).



$5 + 3 = 8$   $2 + 8 = 8$   $10 - 8 = 2$   
 $5 - 2 = 3$   $5 + 4 = 8$   $7 - 3 = 4$   
 $8 - 4 = 4$   $10 - 3 = 7$   $5 + 5 = 10$   
 $3 - 3 = 0$   $9 + 1 = 10$   $7 - 6 = 2$   
 $4 - 3 = 1$   $6 + 4 = 10$   $5 + 2 = 7$   
 $5 + 3 = 8$   $2 + 7 = 9$   $0 + 1 = 1$

24 Use computers to

• Numbers from 70 to 100  
• Add / Subtract within 20

Numbers up to 100

Complete the missing numbers

	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

100% Correct

Write the missing numbers.

87, 88, 89, 90, 91, 92, 93, 94, 95, 96

60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75

73, 74, 75, 76, 77, 78, 79, 80, 81, 82

Choose the correct answer.

95 comes just after (92 or 94 or 96)

99 comes just before (89 or 98 or 100)

89 is (79 or 99)

100 is (99 or 97)

comes just before 100 (99 or 98 or 97)

comes just after 99 (98 or 100 or 97)

78 is (68 or 78)

89 is (79 or 94)

Add / Subtract within 20

Join the correct results.

11	11	6
3	3	1
8	3	1
20	10	1
1	2	1
0	3	1
12	6	1
1	1	1



100% Correct

Use the number chart to find the result.

5 + 7 = 12

18 - 3 = 15

19 - 1 = 18

16 - 6 = 10

18 - 2 = 16

5 - 5 = 0

7 + 3 = 10

12 - 4 = 8

11 + 2 = 13

11 - 10 = 1

7 + 11 = 18

17 - 5 = 12

12 + 3 = 15

20 - 7 = 13

10 + 10 = 20

14 - 3 = 11

9 + 5 = 14

20 - 4 = 16

10 + 7 = 17

15 - 8 = 7

100

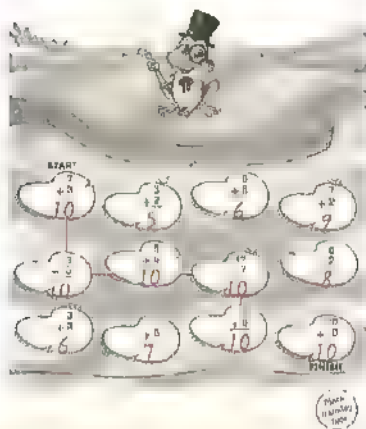
✓ Add or subtract, then complete using ( $<$ ,  $>$  or  $=$ ).

$13 + 2$	$=$	$19 - 4$
15		15
$18 - 11$	$<$	$3 + 5$
7		8
$10 + 4$	$>$	$20 - 7$
14		13
$18 - 8$	$<$	$12 + 5$
7		17
$9 + 5$	$>$	$13 - 8$
14		5
$19 - 3$	$<$	$7 + 11$
16		18

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✓ Freddy the frog will only hop to lily pads that equal the number 10. Can you find his path from start to finish?

Leap Frog



163

ALL COUNT

Chapter 7

✓ Connect the dots from 1 to 70, then color the picture according to the small one.



164 Chapter 7: All Count

✓ Start at the ▲ Connect the dots counting by ones to 21. Start at the ■ Connect the dots counting by tens to 100.



177

# ANSWERS of Step by Step Revision





## Sheet 1

Till lessons 1 &amp; 2 - chapter 1

1 Count. Write the number.



2



3



2



1

2 Color the smallest egg.



3 Cross out the animal that is different.



4 Match.



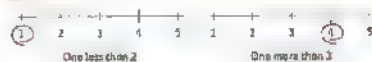
5 Color 3 heart in red, 3 stars in yellow and 3 stars in blue.



## Sheet 2

Till lessons 3 to 6 - chapter 1

1 Circle the correct number on the number line.



2 Write the numbers in digits.

2

Two

4

Four

5

Five

1

One

3

Three

3 Match.



4 Color to show how many of each item.



## Sheet 3

Till lessons 7 to 10 - chapter 1

1 Count the flowers. Write the number.



3



0



1



4

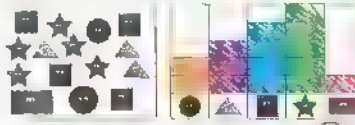
2 Circle the animals which have 4 legs.



3 Circle the fish that has a different size.

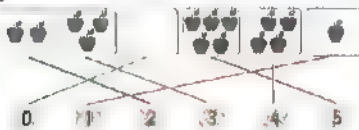


4 Color to show how many of each item.



## Assessment

1 Count. Match.



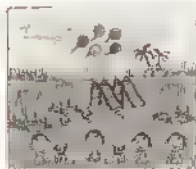
2 Circle the flower that has a different size.



3 Complete.

1 2 3 4 5

4 Count. Write the number.



5. Cross out the animal that is different.



6. Circle the correct number on the number line.



7. Draw a to show the number in five frames.



8. Color to show how many of each item.

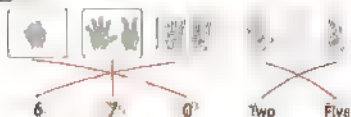


\* Circle which item there is the least of.

# Sheet 4

Till lessons 11 & 12 - chapter 2

1. Match.



2. Cancel 3 item in each group. Write the number of the left items.



3. Circle the correct number on the number line.



4. Count. Write the number.



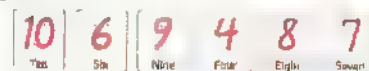
# Sheet 5

Till lessons 13 to 18 - chapter 3

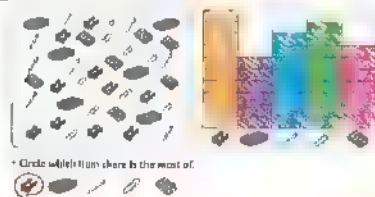
1. Count. Write the number.



2. Write the numbers.



3. Color to show how many of each item.

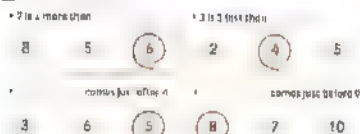


\* Circle which item there is the most of.

# Sheet 6

Till lessons 17 & 18 - chapter 3

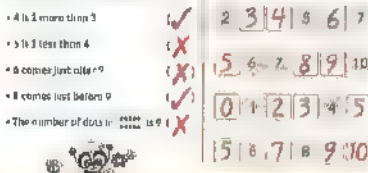
1. Choose the correct number.



2. Circle the animals which have 2 legs.



3. Write the missing numbers.



# Assessment

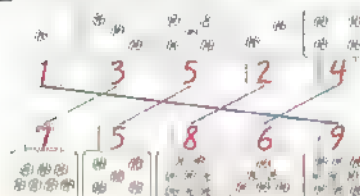
1. Count. Write the number.



2. Write the number that is 1 less than the written number.

6 7 4 5 0 1 8 9

3. Count. Write the number of flowers. Join to get 10.



4. Complete with a suitable number.

- 9 comes just after 8  
2 comes just before 3  
1 comes just after 0  
9 comes just before 10  
6 comes just after 5  
6 comes just before 7

5. Color one box for each item to show how many of each item.



Answer the questions.

- How many cars are there? 5  
How many trees are there? 3  
How many flowers are there? 4

Circle the item that shows the most.



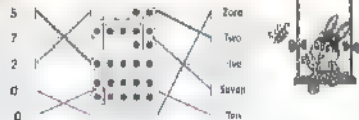
6. Write the number that is 1 more than the written number.

8 9 3 4 6 7 9 10

# Cumulative Assessment

Topic Chapter 2

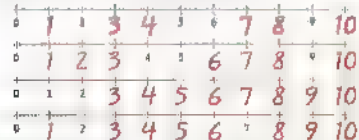
1. Join.



2. Complete.

- 7 is 1 less than 8  
10 comes just after 9  
10 is 1 more than 9  
7 comes just after 6  
3 is more than 2  
8 comes just after 7  
4 is less than 5  
7 comes just before 8

3. Write the missing number on each number line.



4. Write the number of raised fingers.



5. Color one box for each item to show how many of each item.



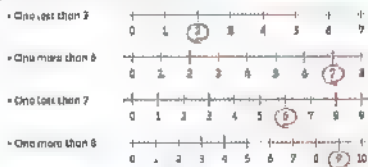
Answer the questions.

- How many cars are there? 9  
How many trees are there? 4  
How many flowers are there? 5

Circle the item that shows the least.



6. Circle the correct number on the number line.



## Sheet 7

Till lessons 18&amp;20 - chapter 3

## 1 Count. Write the numbers.



7



11



13



9

## 2 Choose the correct answer.

• 6 is greater than

• 3 is less than

• 1 is greater than 8

• 1 is less than 9

• comes just after 3

• comes just before 12

(7) is 6 or 4

(6) is 7 or 10

(12) is 9 or 13

10 or 11 or 12

(11) or 12 or 13

## 3 Color the same figures with the same color.



## 4 Complete the missing number on each number line.



## Sheet 8

Till lessons 21&amp;22 - chapter 3

## 1 Write the number that comes just after.

9, 10, 7, 8

11, 12, 4, 5

## 2 Put the numbers in their correct place.

12 is greater than 2

7 is less than 10

## 3 Arrange in an ascending order.

7, 3, 11, 10, 15

The order is 3, 7, 10, 11, 15

2, 0, 5, 14, 9

The order is 0, 5, 9, 12, 14

## 4 Arrange in a descending order.

14, 4, 19, 8, 7

The order is 15, 14, 8, 7, 4

6, 14, 33, 9, 9

The order is 13, 10, 9, 6, 3

## 5 Count. Write the number.



## 6 Count, choose the correct number.



Twelve, Thirteen, Fourteen

Twelve, Eleven, Ten

## Sheet 9

Till lessons 23&amp;24 - chapter 3

## 1 Put the words in order.

12, 20, 10, 18, 15, 13, 14, 16, 17, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

## 2 Draw a according to the number.



## 3 Arrange in an ascending order.

12, 3, 15, 10, 14, 15  
The order is 3, 10, 12, 14, 15

## 4 Color one box for each to show the number of each animal.



• Circle which animal there is the most of.

• The number of [cat] is [12]. The number of [dog] is [10].

## Assessment

## 1 Count the number of dots in five frames. Write the number.



## 2 Put the numbers in their correct place.

1 and 5: 5 is greater than 1, 7 is less than 8.  
11 and 9: 11 is greater than 9, 10 is less than 17.  
13 and 15: 15 is greater than 13, 6 is less than 12.

## 3 Write the missing numbers of each.

8, 6, 7, 8, 4, 10, 11  
0, 1, 2, 3, 4, 5, 6  
9, 10, 11, 12, 13, 14, 15  
7, 8, 9, 10, 11, 12, 13

# 4. Put in order.

# 5. Arrange from least to greatest.

7, 11, 6, 5, 15  
 The order is **5 6 7 11 15**

# 6. Arrange in a descending order.

9, 8, 13, 7, 14  
 The order is **14 13 9 8 7**

+ 11, 19, 0, 18  
 The order is **0 1 8 10 11**

6, 12, 4, 0, 15  
 The order is **15 12 6 4 0**

# 7. Write the suitable number.

• 12 is greater than **10**  
 • 13 is equal to **13**  
 • 15 is **15**

# 8. Write the suitable number.

• 9 is less than **14**  
 • 0 is **0**  
 • 10 is **10**

# 9. Circle the greater number.

# 10. Circle the smaller number.

# 11. Complete with a suitable number.

• 6 < **13**  
 • 13 > **10**  
 • 13 = **13**  
 • 9 = **9**  
 • 7 < **10**  
 • 8 < **15**

# Accumulative Assessment

Till Chapter 3

# 1. Write the number.

**7** Seven    **15** Fifteen    **14** Fourteen    **0** Zero    **9** Nine

# 2. Write (✓) to the correct statement and (X) to the incorrect statement.

• 15 > 10 (✓)  
 • 10 < 9 (X)  
 • 10 = 15 (X)  
 • 15 is equal to fourteen (X)

# 3. Complete.

• 10 is 1 less than **11**  
 • 9 comes just after 8  
 • 11 is greater than **6**  
 • 12 is 2 more than **10**  
 • 8 comes just before 9  
 • 10 is less than 13

# 4. Circle the correct number on the number line.

• One less than 10: **9**  
 • One more than 7: **8**

# 5. Count and write the number.

**15**    **12**    **9**

# 6. Arrange in a descending order.

5, 9, 2, 8, 15, 7  
 The order is **15 9 8 7 5**

# 7. Arrange in an ascending order.

10, 13, 1, 9, 14  
 The order is **1 9 10 13 14**

# 8. Color the box for each item to show how many.

• How many are there? **9**  
 • How many are there? **6**

• How many are there? **11**  
 • How many are there? **8**

# 9. Ring each number that is greater than 10.

9, **13**, 7, **11**, 4

# 10. Ring each number that is less than 6.

**3**, **0**, **5**, 8, 9, 6

# 1. Count. Write the number.

**17**    **15**  
**13**    **16**

# 2. Circle the correct number on the number line.

0, 2, 3, 4, 5  
 One more than 0: **1**

# 3. Arrange in a descending order.

13, 14, 17, 16, 9  
 The order is **17 16 15 14 6**

# 4. Count, match to get 20.

(Answers may vary)





4 Write the number that comes just before.

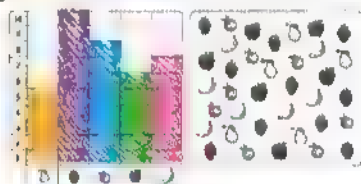
14 15 16 17 19 20  
9 10 13 14 11 12

5 Put > or < or =

12 < 14 15 > 13 20 = 20

eleven > eighteen, five < eleven, seventeen > sixteen

6 Colour according to the number of each item in the picture.



• Circle the correct answer.

• The most number is of

• The least number is of



# Accumulative Assessment

TH Chapter 4

1 Choose the correct answer.

- 16 > 15 (13 or 16 or 19)
- 15 comes just after 14 or 20 (14 or 20)
- 16 is less than 15 (17 or 18 or 19)
- 18 19 (> or = or <)
- The number after 13 The number just before 15 (> or < or =)

2 Write (✓) to the correct statement and (X) to the incorrect statement.

- 5 is 1 more than 6 (X) • 6 is 1 less than 17 (✓)
- 14 is more than 14 (X) • 20 > 10 (✓)
- 18 comes just before 20 (X) • 9 < 10 (✓)

3 Count, write the correct number.



4 Arrange in an ascending order.

15, 11, 10, 9, 17, 19  
The order is 9, 11, 13, 15, 17, 19

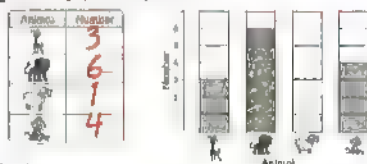
5 Arrange in a descending order.

18, 16, 14, 11, 5, 1  
The order is 18, 16, 14, 11, 5, 1

1 Complete each of the following number lines.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

2 Notice the graph and complete the table.



• Complete.

The number of is 4. The number of is 3.

• Circle the correct answer.

• The most number is of

• The least number is of

3 Circle each number that is less than 26.

12, 24, 17, 28, 19, 5, 0

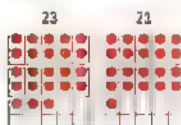
4 Circle each number that is greater than 24.

10, 7, 9, 13, 19, 8, 10, 11, 20

# Sheet 14

TH lessons 31 & 32 - chapter 5

1 Plot dots in ten frames to represent the number.



22 Twenty-two  
23 Twenty-three  
24 Twenty-four  
21 Twenty-one

2 Circle the group of the same color.



3 Color the similar objects with the same color.



5 Add.

3 + 5 8	2 + 4 6	2 + 7 9	3 + 5 10	7 + 1 8
$6 + 3 = 9$	$1 + 6 = 7$	$1 + 9 = 10$	$4 + 3 = 7$	

6 Write (&gt; or &lt; or =).

24 > 20	19 < 23	21 < 24
9 < 21	Twenty-four > Fourteen	Twenty-one > 16

7 Circle each number that is less than 16.

16	4	12	24	9	1
----	---	----	----	---	---



## Sheet 15

Till Lessons 33&amp;34 - chapter 5

1 Count. Choose the correct answer.



2 Count. Write the number.



3 Put &gt;, &lt; or =.

23	<	26
Twenty-five	=	25
18	<	26
Twenty-seven	>	28
56	<	Twenty-six

4 Add. Write the sum.

$2 + 3 = 7$	$4 + 3 = 7$
$7 + 1 = 8$	$8 + 2 = 10$
$10 + 0 = 10$	$9 + 1 = 10$

5 Raju has 5 red balloons. You get 4 yellow balloons.

How many balloons do they both have?

They have =  $5 + 4 = 9$  balloons.

6 Sandy has 5 pounds. His sister has 3 pounds. How much money do they have?

What they both have =  $5 + 3 = 8$  pounds.

## Sheet 16

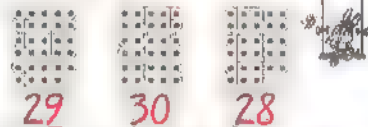
Till Lessons 35&amp;36 - chapter 5

1 Write a suitable number.

29 &lt; 30, 26 = 26, 19 &gt; 14

Twenty-eight &gt; 22, 17 = Seventeen, 27 &lt; Twenty-nine

2 Write the number of dots.



3 Arrange in an ascending order.

The order is: 14, 21, 24, 27, 28, 30

4 Circle the objects having the same shape.



5 Complete the missing numbers.

5	6	7	8	9	10	11
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	32	33	34

6 Color the same shapes with the same color.



## Sheet 17

Till Lessons 37 to 40 - chapter 5

1 Add, then complete using &gt;, &lt; or =.

3 + 4 = 7	7 + 4 = 11
5 + 5 = 10	6 + 7 = 13
10 + 0 = 10	8 + 4 = 12

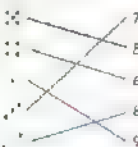
2 Complete.

28 comes just after 27.  
28 comes just before 29.  
28 is 1 less than 29.  
21 is 1 more than 20.  
 $8 + 2 = 10$ 

3 Complete counting up 10's.

10	20	30
10	20	30

4 Match to make 30.



5 Circle the objects having the same size (large - medium - small).



6 Sara collected 4 yellow flowers and 2 red flowers.

How many flowers do Sara have?

Sara had =  $4 + 2 = 6$  flowers.


## Assessment

## 1 Add. Write the result.

$$\begin{array}{l} 3+3=8 \\ 2+4=6 \\ 1+9=8 \\ 5+5=10 \\ 4+4=8 \\ 9+0=9 \end{array}$$

$$\begin{array}{l} +0 \\ +0 \\ +1 \\ +3 \\ +2 \\ +1 \end{array}$$

$$\begin{array}{l} 10 \\ 9 \\ 9 \\ 7 \\ 2 \end{array}$$

## 2 Count. Write the correct number.



## 3 Color the similar objects with the same color.



## 4 Write the missing numbers.

22 23 24 25 26 27 28 29 30  
18 19 20 21 22 23 24 25 26

## 5 Arrange in a descending order.

27, 16, 7, 38, 24, 30  
The order is 30, 28, 27, 24, 16, 7

## 6 Circle the objects having the same size (Large, Medium, Small).



## 7 Solve the following problems.

Adam has 5 red balloons and 4 green balloons.  
How many balloons does Adam have in all?  
The number of balloons is  $(5) + (4) = (9)$  balloons.

Jenna had 2 big fish and 6 small fish.  
How many fish did Jenna have in all?  
The number of fish is  $(2) + (6) = (8)$  fish.

## 8 Complete the dots in the other side to get 50.



## Cumulative Assessment

## 1 Add.

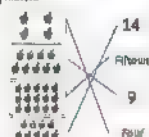
$$\begin{array}{l} 3+2=5 \\ 9+0=9 \\ 3+3=8 \\ 8+3=11 \\ 7+2=9 \\ 1+6=7 \\ 2+8=10 \\ 3+4=7 \end{array}$$

## 2 Choose the correct answer.

- 16
- 25
- Twenty-four
- comes just after 14
- is less than 28
- 3

(14 or 9 or 20)  
(2) is less than  
14 is 14 or (15)  
(13) is 14 or (15)  
(30) is 28 or (30)  
3 or (2) or 5

## 3 Match.

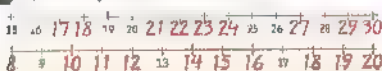


## 4 Arrange in an ascending order.

(24), (13), 0, (30), (23)  
The order is 0 13 23 24 30

5 Ahmed has 4 balloons and Aina has 3 balloons. How many balloons do they have in all?  
They have 4 + 3 = 7

## 6 Write the missing numbers on the number line.



## 7 Complete the following table.

Animal	Number
	5
	7
	3
	2

## • Find.

- The number of + The number of = 8

- The number of + The number of = 9

## 8 Circle the objects having the same shape.



## 9 Write the number.

20 Twenty	17 Seventeen	4 Four	11 Eleven	26 Twenty-six
30 Thirty	10 Ten	9 Nine	19 Nineteen	16 Sixteen

# Sheet 18

Till lessons 41 to 43 • chapter 5

- 1 Count the objects, write the correct numbers.



- 2 Find the result.

$$\begin{array}{l} 7 - 5 = 2 \\ 7 + 5 = 12 \\ 10 - 4 = 6 \end{array} \quad \begin{array}{l} 4 - 3 = 1 \\ 9 - 0 = 9 \\ 4 + 7 = 11 \end{array} \quad \begin{array}{l} 0 - 1 = -1 \\ 7 - 3 = 4 \\ 0 - 0 = 0 \end{array}$$



- 3 Write the missing numbers.

18 19 20 21 22  
24 25 26 27 28  
20 21 22 23 24  
28 29 30 31 32  
33 34 35

- 4 Circle the shape that is different in each row.



# Sheet 19

Till lessons 44 to 46 • chapter 6

- 1 Use the number line to subtract.



- 2 Draw 10 to represent the number.



- 3 Write > or <.

39 > 29

Thirty-nine > 29

37 > 36

8 - 1 < 7 + 2

- 4 Put the numbers in their correct places.

18 17  
17 is greater than 12  
24 31  
24 is less than 31

- 5 Complete with a suitable number.

31 comes just before 32

20 comes just after 19

- 6 Match to get 50.



# Sheet 20

Till lessons 47 &amp; 48 • chapter 6

- 1 Find the difference between.

$$\begin{array}{l} 5 \text{ and } 3 \\ 5 - 3 = 2 \end{array} \quad \begin{array}{l} 6 \text{ and } 9 \\ 9 - 6 = 3 \end{array}$$

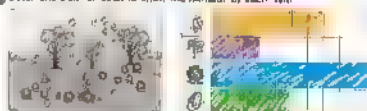
- 2 Complete each fact family.

$$\begin{array}{l} 3 + 1 = 4 \\ 4 - 1 = 3 \\ 6 - 5 = 1 \end{array} \quad \begin{array}{l} 4 + 5 = 9 \\ 9 - 5 = 4 \\ 9 - 4 = 5 \end{array} \quad \begin{array}{l} 7 + 3 = 10 \\ 10 - 3 = 7 \\ 10 - 7 = 3 \end{array}$$

- 3 Put >, < or =.

$$\begin{array}{l} 1 + 6 < 2 + 8 \\ 7 < 10 \\ 3 + 5 > 7 - 7 \\ 0 < 8 \end{array} \quad \begin{array}{l} 9 - 5 = 3 + 1 \\ 4 = 4 \\ 10 > 3 + 4 \\ 7 < 8 \end{array}$$

- 4 Color one box for each to show the number of each item.



Circle the item that is the most of.



# Sheet 21

Till lesson 49 &amp; 50 • chapter 6

- 1 Draw a to show the number.



- 2 Write the missing numbers in each.

3 4 5 6 7 8  
9 10 11 12 13 14  
15 16 17 18 19 20  
21 22 23 24 25 26

- 3 Mugs had 8 books. She gave 2 books to Mugs.

How many books have left with Mugs?

The left books = 8 - 2  
= 6 books

- 4 Put >, < or =.

$$\begin{array}{l} 12 < 21 \\ 15 = 15 \\ \text{Nine} < \text{ten} \end{array} \quad \begin{array}{l} 28 > 17 \\ 5 < 20 \\ \text{Sixteen} < \text{Nineteen} \end{array}$$

- 5 Find the results.

$$\begin{array}{l} 2 + 3 = 5 \\ 10 - 2 = 8 \\ 7 + 2 = 9 \\ 6 - 6 = 0 \end{array} \quad \begin{array}{l} 8 + 4 = 12 \\ 9 + 1 = 10 \\ 4 + 5 = 9 \end{array}$$

- 6 Circle the figures with the same shape.





- 1 Count. Write the numbers.

36

40

- 2 Arrange in an ascending order.

35 25 37 24 28

The order is 8 25 29 35 37

- 3 Arrange in a descending order.

57 21 27 47 18

The order is 40 38 30 27 21

- 4 Write a pair of addition and subtraction facts for each group of numbers.

3 + 4 = 7	2 + 6 = 8	1 + 9 = 10
7 - 4 = 3	8 - 2 = 6	10 - 1 = 9
4 + 3 = 7	6 - 2 = 4	9 - 1 = 8
3 + 4 = 7	8 - 2 = 6	10 - 1 = 9
7 - 4 = 3	8 - 6 = 2	10 - 9 = 1

- 5 Subtract. Write the numbers.

7 - 4 = 3	9 - 3 = 6	8 - 0 = 8
10 - 1 = 9	6 - 6 = 0	7 - 2 = 5
8 - 4 = 4	4 - 4 = 0	9 - 9 = 0
7 - 3 = 4	10 - 7 = 3	8 - 3 = 5

- 6 Answer the following problems.

Osama has 9 candies, he gives 4 candies to Nana.  
How many candies does Osama have now?

What Osama has =

$9 - 4 = 5$  candies

Mary had 8 balloons, 2 of them flew away.

How many balloons are left?

The left balloons =

$8 - 2 = 6$  balloons

- 7 Write the missing numbers in each pattern using the first families.

8. 9 10 11 12 13 14

5 6 7 8 9 10 11

10 11 12 13 14 15 16



- 8 Write the number that comes just before.

11 12 39 40  
26 27 34 35

- 9 Write the numbers that comes just after.

24 25 32 33  
39 40 18 19

- 10 Write the results. Put >, < or =.

2 + 3 > 9	4 - 2 > 8 - 3
5 < 4	6 < 5
10 - 4 = 3	10 - 0 = 10
6 < 6	10 < 10

## Accumulative Assessment

To Chapter 5

- 1 Find the results.

2 + 4 = 6	9 - 3 = 6	0 + 4 = 10
8 - 3 = 5	7 + 2 = 9	10 - 5 = 5
17 - 6 = 11	6 + 0 = 6	7 - 2 = 5

- 2 Write (✓) to the correct statement and (X) to the incorrect statement.

35 comes just after 34	✓	20 is 1 more than 19	✓
10 is less than 34	✓	5 = 8	✓
10 - 5 = 5	X	3 = 3	X

- 3 Arrange in an ascending order.

31 9 21 34 40  
The order is 9 21 31 34 40

- 4 Mohammed has 9 grapes.

He brought 5 more for 5 pounds.  
What is the remainder with him?

$9 - 5 = 4$  pounds

- 5 Ali has 4 and Rasha has 2.

How many do they both have?

$4 + 2 = 6$

- 6 Circle the correct number on the number line.

One less than 8: 0 1 2 3 4 5 6 7 8 9 10 11 12

One more than 10: 0 1 2 3 4 5 6 7 8 9 10 11 12



- 7 Write the missing numbers.

24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

- 8 Count and write the numbers.

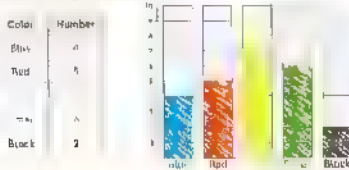
15 24 37

32 37

- 9 Write >, < or =.

17 < 21	10 < 15	9 < 12
3 < 10	10 < 4	6 < 3
5 < 2	4 < 1	0 < 3

- 10 Shade according to the number.



## Sheet 22

Till lessons 61 &amp; 62 - chapter 7

- 1 Write the times below the clocks.



2 o'clock



7 o'clock



10 o'clock



6 o'clock

- 2 Write a suitable number.

(Answers may vary)

$21 > 18$

$5 = 3$

$15 < 17$

$15 < 37$

$12 = 12$

$40 > 30$

- 3 Use the number chart to find the results.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

$5 - 2 = 3$

$4 + 3 = 7$

$0 - 0 = 0$

$3 + 6 = 9$

$10 - 2 = 8$

$5 + 5 = 10$

- 4 Complete the fact family.

7	8	9
7 + 2 = 9		
2 + 7 = 9		
9 - 7 = 2		
9 - 2 = 7		

- 5 Color the picture that does not belong.



## Sheet 23

Till lessons 53 &amp; 54 - chapter 7

- 1 Complete the following.

20 21 22 23, 24 25 26 27 28 29  
 40 41 42 43 44 45 46 47 48 49

- 2 Draw the hour hand on the clock faces. Write the time on the digital clocks.

3 o'clock



5 o'clock



10 o'clock



- 3 Circle the picture that does not belong in each row.



- 4 Complete with a suitable number.

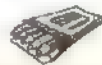
(37) comes just after 30

(19) comes just before 20

8 comes just after 7

(22) comes just before 23

- 5 Sara has 10 crayons. She gave 3 to her friend. How many crayons are left?

The left crayons =  $(10 - 3) = 7$  crayons.

## Sheet 24

Till lessons 56 &amp; 59 - chapter 7

- 1 Put >, < or =.

30 &gt; 29, 18 &lt; 21, 9 = 9

Seventeen &lt; 27, Twenty-five &lt; 26, Sixteen &gt; Fourteen

- 2 Write the missing numbers of each.

10 9 8 7 6 5 4 3 2 1 050 51 52 53 54 55 56 57 58 59 6059 60 61 62 63 64 65 66 67 68 69

- 3 Find the difference between.

10 and 3

$10 - 3 = 7$

2 and 8

$8 - 2 = 6$

- 4 Cross out the animal that is different.



- 5 Use the picture to complete the picture graph.



## Sheet 25

Till lessons 57 to 60 - chapter 7

- 1 Put > or <.

$4 < 3 = 7$

$10 < 5 = 4$

$2 < 2 = 0$

$7 < 2 = 9$

- 2 Complete the missing members.

41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- 3 Find the results.

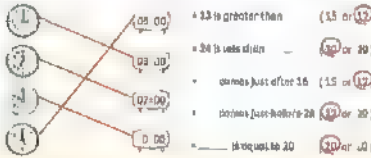
$18 + 6 = 24$

$12 + 3 = 15$

$7 + 10 = 17$

$18 + 6 = 24$

- 4 Match.



- 5 Choose.

+ 13 is greater than (13 or 23)

= 36 is less than (36 or 26)

= comes just after 15 (15 or 17)


= comes just before 28 (28 or 30)

= is equal to 20 (20 or 40)

### Assessment Chapter 7


**1** Draw the hour hand on the clock faces. Write the time on the digital clocks.

11 o'clock




11:00

9 o'clock



09:00

6 o'clock



06:00


**2** Find the results.

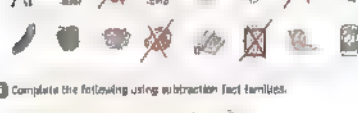
$12 + 5 = 17$	$47 - 1 = 46$	$25 - 6 = 19$
$10 + 8 = 18$	$11 + 6 = 17$	$20 - 10 = 10$

**3** Write the missing numbers.

$50, 51, 52, 53, 54, 55, 56, 57, 58, 59$
$91, 92, 93, 94, 95, 96, 97, 98, 99, 100$
$85, 86, 87, 88, 89, 90, 91, 92, 93, 94$
$61, 62, 63, 64, 65, 66, 67, 68, 69, 70$

**4** Cross out the picture that does not belong in each group.





**5** Complete the following using subtraction fact families.

$8 - 7 = 1$	$6 - 5 = 1$	$4 - 3 = 1$	$3 - 2 = 1$
$10 - 9 = 1$	$7 - 6 = 1$	$5 - 4 = 1$	$2 - 1 = 1$

**6** Put  $>$ ,  $<$  or  $=$ .

$5 + 3 = 8$	$6 - 2 = 4$
$0 + 2 = 2$	$1 + 1 = 2$

**7** Put  $>$ ,  $<$  or  $=$ .


$7 + 5 = 12$	$18 - 12 = 6$	$6 + 8 = 14$	$10 - 2 = 8$
$12 < 18$	$6 < 14$	$14 = 14$	$8 < 10$
$8 + 3 = 11$	$20 - 7 = 13$	$9 < 13$	$3 < 12$

### Assessment Chapter 7


**1** Find the results.

$7 + 8 = 15$	$15 - 6 = 9$	$11 + 1 = 12$	$20 - 6 = 14$
$8 + 5 = 13$	$6 + 7 = 13$	$13 + 4 = 17$	$18 - 3 = 15$
$13 + 5 = 18$	$17 - 4 = 13$	$5 + 1 = 6$	$18 - 3 = 15$

**2** Count, write the number.



15



35


**3** Arrange in an ascending order.


63, 73, 81, 29, 100  
The order is: **29, 63, 73, 81, 100**

**4** Arrange in a descending order.

54, 39, 69, 27, 90  
The order is: **90, 69, 54, 27, 39**

**5** Cross out the picture that does not belong in each group.





**6** Choose the correct answer.

• 6 is greater than 8. (A) or (B) or (C) or (D)

• Is less than 83. (A) or (B) or (C) or (D)


• comes last after 99. (A) or (B) or (C) or (D)

• Is equal to 100. (A) or (B) or (C) or (D)


**7** Complete the fact family.

$1 + 8 = 9$	$8 + 1 = 9$	$9 - 1 = 8$	$9 - 8 = 1$
$2 + 7 = 9$	$7 + 2 = 9$	$9 - 2 = 7$	$9 - 7 = 2$
$3 + 6 = 9$	$6 + 3 = 9$	$9 - 3 = 6$	$9 - 6 = 3$


**8** Write the time below the clocks.



3 o'clock




12 o'clock




6 o'clock


**9** Draw the two hands of the clock.



8 o'clock



1 o'clock



7 o'clock

**10** Pasha baked 36 big cookies and 3 small cookies. How many cookies did she bake in all?

What she baked =  $36 + 3 = 39$  cookies

**11** Ahmed has 9 marbles. His friend Masoud has 6 marbles. How many more marbles does Ahmed have?

What Ahmed has more than Masoud =  $9 - 6 = 3$  marbles.

## General Revision

## 2. Choose the correct answer.

- a. 34 is 1 less than 29 is 1 more than  
 c. 44 comes just before 26 comes just after  
 d. 26 comes just after 34 is 1 more than  
 e. Thirty-two is 12 more than 20  
 f. Twelve is 12 more than 0  
 g. 41 is 11 more than 30  
 h. 29 comes just before 27  
 i. 26 comes just after 23  
 j. 3 + 2 = 5  
 k. 17 - 5 = 12  
 l. 15 + 4 = 19  
 m. 7 + 3 = 10  
 n. 17 - 4 = 13  
 o. 3 + 9 = 12  
 p. Fifteen is 15  
 q. Four is 4  
 r. 20 is 20  
 s. 14 - 5 = 9  
 t. 4 + 5 = 9  
 u. 11 + 1 = 12  
 v. 13 + 2 = 15  
 w. 14 - 3 = 11  
 x. 9 + 4 = 13
- 31 - 34 is 3  
 29 is 30 is 31  
 44 is 44 is 45  
 26 is 26 is 27  
 34 is 34 is 35  
 12 is 12 is 13  
 12 is 12 is 13  
 41 is 41 is 42  
 29 is 29 is 30  
 26 is 26 is 27  
 23 is 23 is 24  
 3 + 2 = 5  
 17 - 5 = 12  
 15 + 4 = 19  
 7 + 3 = 10  
 17 - 4 = 13  
 3 + 9 = 12  
 Fifteen is 15  
 Four is 4  
 20 is 20  
 14 - 5 = 9  
 4 + 5 = 9  
 11 + 1 = 12  
 13 + 2 = 15  
 14 - 3 = 11  
 9 + 4 = 13

10

## 2. Count. Write the number.



11

## 1. Write in digits.

- a. Eight (8) b. Five (5) c. Ten (10)  
 d. Two (2) e. Eleven (11) f. Thirteen (13)  
 g. Thirty (30) h. Forty (40) i. Twenty-one (21)  
 j. Fifty-five (55) k. Fourteen (14) l. Seventy (70)  
 m. Sixty-nine (69) n. Twelve (12) o. Fifteen (15)  
 p. Thirty-nine (39)

## 2. Write (✓) to the correct statement and (X) to the incorrect statement.

- a. 3 + 4 = 10 (X) b. 7 - 2 = 5 (✓)  
 c. 4 + 2 = 6 (✓) d. 0 - 1 = 8 (X)  
 e. 9 + 3 = 21 (X) f. 14 - 6 = 8 (X)  
 g. 9 > 8 (X) h. 14 < 41 (✓)  
 i. 70 > 37 (✓) j. Seventeen > 17 (X)  
 k. 23 is 1 more than 20 (✓) l. 28 is 1 less than 29 (✓)  
 m. 28 comes just after 29 (X) n. 16 comes just before 17 (✓)  
 o. The time shown on the clock is 4 o'clock (✓)  
 p. The time shown on the clock is 10 o'clock (✓)  
 q. The time shown on the clock is 2 o'clock (X)

12

## 3. Arrange in an ascending order.

- a. 31, 19, 72, 80, 25  
 The order is 19, 25, 31, 72, 80  
 b. 87, 28, 10, 29, 47, 52  
 The order is 10, 28, 29, 47, 52, 87  
 c. 64, 27, 40, 70, 0  
 The order is 0, 27, 40, 64, 70, 77

## 4. Arrange in a descending order.

- a. 29, 92, 60, 39, 29  
 The order is 92, 60, 39, 29, 29  
 b. 67, 58, 40, 16, 10  
 The order is 67, 58, 40, 16, 10  
 c. 45, 41, 37, 28, 19  
 The order is 45, 41, 37, 28, 19

## 5. Write the missing numbers.

- a. 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31  
 b. 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50  
 c. 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95  
 d. 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23

13

1 Compute.

a. $3 + 1 = 4$	b. $4 + 7 = 11$	c. $8 + 6 = 14$
d. $13 + 2 = 15$	e. $3 + 7 = 10$	f. $1 + 9 = 10$
g. $6 + 4 = 10$	h. $2 + 8 = 10$	i. $7 + 5 = 12$
j. $3 + 6 = 9$	k. $5 + 5 = 10$	l. $14 + 3 = 17$
m. $18 + 6 = 24$	n. $17 + 7 = 24$	o. $19 + 8 = 27$

p. $12 + 6 = 18$	q. $12 + 5 = 17$	r. $14 + 6 = 20$	s. $20 - 5 = 15$
------------------	------------------	------------------	------------------

t. 27 is a number than 36  
 u. 44 comes just after 43  
 v. 29 is 1 less than 30  
 w. 53 comes just before 54

2 Match the clocks that show the same time.



3 Match the equal number.

$7 + 5$	$8 + 2$	$14 + 3$	$12 + 3$
$19 - 2$	$15 - 3$	$10 - 2$	$20 - 5$

11 Circle the picture that does not belong.



12 Circle the objects with the same color.



13 Color the shapes that have the same size by the same color.



14 Circle all objects having the same shape.



15 Write the time.



16 Draw the two hands of the clock.



17 Write the fact family.

$3 + 6 = 9$	$1 + 8 = 9$	$15 + 8 = 23$
$6 + 3 = 9$	$8 + 1 = 9$	$8 + 7 = 15$
$9 - 3 = 6$	$9 - 1 = 8$	$15 - 7 = 8$
$9 - 6 = 3$	$9 - 8 = 1$	$15 - 8 = 7$

18 Answer the following.

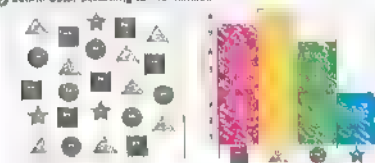
a. Ahmed brought a pen for 5 pounds and a ruler for 3 pounds. How much money did Ahmed pay?  
 What Ahmed paid =  $5 + 3 = 8$  pounds

b. Paula has 18 balloons and his sister Peter has 5 balloons. Find the difference between what they have.  
 The difference =  $18 - 5 = 13$  balloons

c. Sarah has 8 pink flowers and Marwan has 3 red flowers. How many flowers do they have in all?  
 What they have =  $8 + 3 = 11$  flowers

d. Mervat has 9 books. Marwan has 7 books. How many more books does Marwan have than Mervat?  
 The number of books =  $9 - 7 = 2$  books.

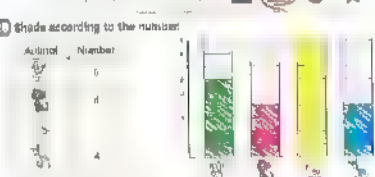
19 Count. Color according to the number.



Complete:

Number of $\square$ = 7	Number of $\circ$ = 6
Number of $\star$ = 3	Number of $\triangle$ = 8

20 Circle the shape which has the most number.



Complete with >, < or =

a. Number of $\square$ < Number of $\circ$
b. Number of $\star$ > Number of $\triangle$
c. Number of $\square$ = Number of $\circ$
d. Number of $\star$ < Number of $\triangle$



21 Use the picture to complete picture graph.



Complete.

- a. The number of = 10      b. The number of = 8  
c. The number of = 6      d. The number of = 5

22 Complete the following table.

Item	Number
	10
	8
	6
	11
	8

\* Complete by using ">" "<" or "="

- a. The number of > The number of   
b. The number of < The number of   
c. The number of < The number of



# Assessment 1

## 1 Add or subtract.

9	2	20	9	6
+ 5	+ 3	5	+ 0	2
8	13	15	9	4
$9 - 1 = 10$	$14 - 8 = 6$	$8 - 0 = 8$		
$3 - 3 = 0$	$13 - 5 = 18$	$7 - 7 = 14$		

## 2 Complete.

- a. 30 comes just after **35**  
 b. 39 comes just before **40**  
 c. 24 is 3 more than **23**  
 d. Put ">" "<" or "="

## 3 Write a pair of addition and subtraction facts for each group of numbers.

6	3	9	7	9	Nine
3	6	9	5	4	Eleven
6	3	9	5	4	
9	3	6	5	4	
2	5	7	3	4	$10 - 2$
2	5	7	3	4	
5	2	7	3	4	
7	5	2	3	4	$1 + 1$

## 1 Write the missing numbers of each.

85 86 87 88 89 90 91 92

0 1 2 3 4 5 6 7

61 62 63 64 65 66 67 68

## 2 Cross out the different item in each row.



## 3 Sarah had 8 apples. She gave 3 to her friend.

How many apples are left?

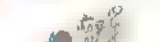
Top to apples =

$(8) - (2) = 7$  apples

## 4 Color to show how many of each item.



Order the items from least to most



# Assessment 1

## 1 Draw a according to the number



## 2 Color the similar figures with the same color.



## 3 Put the numbers in their correct places.

6 is 16  
 16 is greater than (6)  
 0 is less than (1)

## 4 Arrange in a descending order

74 87 25 18 42  
 The order is **87 74 42 25 18**

## 5 Yousef bought 3 big water bottles and 5 small water bottles.

How many water bottles did Yousef buy in all?

The number of all bottles

= **3 + 5 = 8** bottles

## 6 Join to get 10.



## 1 Write a suitable number

(Answers may vary)

6. > 5  
 10 < 11  
 2 < 2  
 6 < 1

## 2 Find the difference between.

6 and 1

$6 - 1 = 5$

2 and 0

$(12) - (9) = (3)$

## 3 Count up back

70 20 30 40

50

(40)

100 (90 80 70)

## 4 Write the times shown in two ways

6 o'clock

$(6:00)$

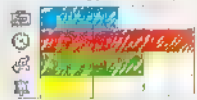
2 o'clock

$(02:00)$

9 o'clock

$(09:00)$

## 5 Use the following picture to complete the picture graph.



Put ">" "<" or "="

The number of

The number of

The number of

The number of



The number of

The number of

The number of

The number of

# Assessment 3

1 Complete with the suitable number.

(55) comes just before 54 (17) is 1 more than 16

(82) comes just after 81 (19) is 1 less than 20

2 Put + or - .

$$7 + 3 = 10$$

$$9 - 1 = 8$$

3 Arrange in an ascending order.

(24), (43), (9), (99), (10)

The order is: 9, 10, 24, 43, 99

4 Circle the objects having the same shape (▲, ■, ●, △).



5 Find the results.

$$5 + 2 = 7 \quad 13 - 4 = 9$$

$$\begin{array}{r} 6 \\ + 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 8 \\ - 7 \\ \hline 1 \end{array} \quad \begin{array}{r} 55 \\ - 1 \\ \hline 54 \end{array}$$



2 Magy has 8 pencils. Ahmed has 3 pencils.

How many more pencils does Magy have than Ahmed?

The difference =

$$= 8 - 3 = 5 \text{ pencils.}$$

3 Circle the clock that shows 4 o'clock.



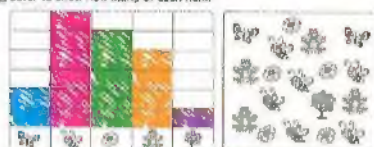
Write the time on the digital clock.

04:00

4 Complete the missing numbers.

51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

5 Color to show how many of each item.



Circle which item there is the most of.

Circle which item there is the least of.



# Assessment 4

1 Circle the chairs which have 3 legs.



2 Draw to show the same number of as 36 pencils.



• Choose

- The number of pencils is the number of pencils.

- Is greater than - Is less than - Is equal to

3 Put &gt;, &lt; or =.

$$15 > 3$$

$$8 + 2 = 8 + 4$$

$$17 < 8$$

$$5 - 5 = 0$$

4 Draw the hour hand on the clock face. Write the time on the digital clock.

2 o'clock 11 o'clock



02:00 11:00

5 Write the number that comes just before.

14 15 67 68 29 30 92 93

6 Write a pair of addition and subtraction facts for each group of numbers.

7	3	2	10
3	7	3	10
10	10	7	3

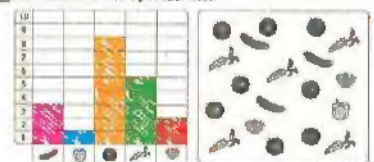
1	1	4	5
4	4	1	5
5	5	4	1

7 Draw 8 more hearts, count, then write the total number.



14 20

8 Color to show how many of each item.



Put &gt;, &lt; or =.

- The number of shoes is the number of shoes.

- The number of shoes is the number of shoes.

- The number of shoes is the number of shoes.





## Assessment 5

- 1 Write the missing numbers of each.



- 2 Amir has 5 red fish. He also has

3 yellow fish.

How many fish does he have in all?

Amir has =

$$5 + 3 = 8 \text{ fish.}$$

- 3 Cross out the item that does not belong in each row.



- 4 Join the equal results.



- 5 Complete with a suitable number (Answers may vary).



76

- 1 Write the times in two ways.



5 o'clock



10 o'clock



- 2 Circle the items having the same size (Large - Medium - Small).

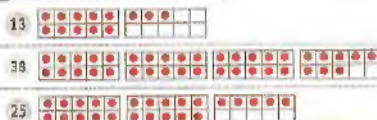


- 3 Complete the table.

Fruits	Number
	7
	4
	10
	2



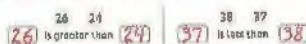
- 4 Show the numbers in ten frames.



77

## Assessment 6

- 1 Put the numbers in their correct places.



- 2 Arrange in a descending order.



- 3 Add or subtract.



- 4 Draw according to the number.



- 5 Write (✓) to the correct statement and (X) to the incorrect statement.



78

- 1 Write the number that comes just after.



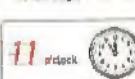
- 2 Amel is 9 years old. Her brother

Bassem is 6 years old.

Find the difference between their ages.

The difference is  $9 - 6 = 3$  years.

- 3 Show the time in two ways.



- 4 Complete the dots to get 50.



- 5 Color the objects with the same shape in the same color.



- 6 Color and box for each item.



79

## Assessment 7

1 Write a pair of addition and subtraction facts for each group of numbers.

$$\begin{array}{l} 4 + 6 = 10 \\ 6 + 4 = 10 \\ 10 - 4 = 6 \\ 10 - 6 = 4 \end{array}$$

$$\begin{array}{l} 7 + 2 = 9 \\ 2 + 7 = 9 \\ 9 - 2 = 7 \\ 9 - 7 = 2 \end{array}$$



2 Write the missing numbers.

64 65 66 67 68 69 70 71

8 9 10 11 12 13 14 15

16 17 18 19 20 21 22



3 Circle the picture that is different.



4 Put + or -.

$$\begin{array}{l} 6 + 2 = 8 \\ 7 - 4 = 3 \\ 0 + 5 = 5 \\ 9 - 7 = 2 \end{array}$$

5 Circle the greater number.

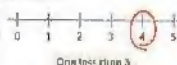
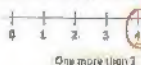


6 Circle the smaller number.



80

2 Circle the correct number on each number line.



3 Complete with a suitable number.

$$6 < \text{Seven}$$

$$35 = 35$$

$$40 > 39$$

$$\text{Eighteen} < 19$$

(Answers may vary)

4 Read the time on analog clock, then show the time in two ways.



6 o'clock



7 o'clock

06:00

07:00

5 Use the following pictures to complete this picture graph.



• Choose:

- The item has the most number is of.

- The item has the least number is of.

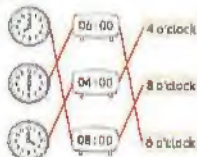
## Assessment 8

1 Complete with a suitable number.

(25) comes just after 24 (50) comes just before 51

(40) is 1 more than 39 (16) is 1 less than 17

2 Match.



3 Put +, -, or =.

$$\begin{array}{l} \text{Seven} \rightarrow \text{Seventeen} \\ 2 + 10 \rightarrow 16 - 4 \\ \text{Thirteen} \rightarrow 5 + 9 \\ 20 - 5 \rightarrow \text{Eighteen} \end{array}$$

4 Rona has 2 balls and her brother Eyal has 3 balls.

How many balls are there in all?

The number of balls =

$$2 + 3 = 7 \text{ balls}$$



5 Cross out the item that does not belong in each row.



82

6 Show the numbers in ten frames.



7 Circle the items having the same shape (circles, squares, triangles).



8 Find the results.

$$\begin{array}{l} 15 + 5 = 20 \\ 9 - 7 = 2 \\ 8 + 4 = 12 \\ 3 - 3 = 0 \\ 2 + 16 = 18 \\ 17 - 3 = 14 \end{array}$$

9 Color to show how many of each item.



• Choose:

- The item there is the least of.

- The item there is the most of.

83



## Assessment 9

- 1 Complete with a suitable number.

$17 < 18$  Ten  $> 9$

$12 > 11$  Twelve  $9 = 9$   
(Answers may vary)

- 2 Draw according to the number.



- 3 Count by 10's.



- 4 Write the time on the analog clock in two ways.

10 o'clock  
10:00



- 5 Complete the missing numbers.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

- 7 Arrange in an ascending order.

29, 8, 14, 91, 55

The order is 8, 14, 29, 55, 91



- 8 Complete.

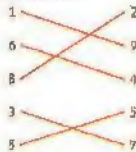
a. 37 comes just after 36

b. 49 comes just before 50

c. 26 is 1 more than 25

d. 73 is 1 less than 74

- 9 Match to get 10.



- 10 Find the results.



- 11 Use the following picture to complete the picture graph.



\* Put 1 'eye' on.

- The number of is the number of .

- The number of is the number of .

- The number of is the number of .

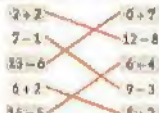


## Assessment 10

- 1 Draw more to show the written number.



- 2 Join the equal results.



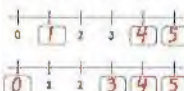
- 3 Color the similar objects with the same color.



- 4 Show the time & o'clock in the digital and analog clocks.



- 5 Complete the number line.



- 6 Put the numbers in their correct places.

9 and 14  
9 is less than 14

5 and 8  
8 is greater than 5

18 and 10  
10 is less than 18

19 and 12  
19 is greater than 12

- 7 Write a pair of addition and subtraction facts for each group of numbers.



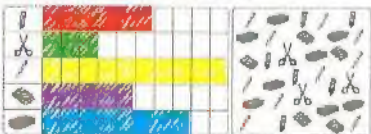
- 8 Circle the different items in each row.



- 9 You're has 8 oranges and Henry has 4 oranges. How many oranges do they both have?

They both have = 8 + 4 = 12 oranges

- 10 Color one box for each item to show how many.



\* Circle:

- Which item there is the most of?

- Which item there is the least of?

